

2006

**Demolition Asbestos Survey Report
Of**

**Johnson Controls
1302 E. Monroe Street
Goshen, Indiana 46528**

Prepared For:

**ERM EnviroClean, LLC
Fidelity Plaza Tower Two, Suite 220
11350 N. Meridian Street
Carmel, IN 46032**

Prepared By:



**Micro Air, Inc.
6320 La Pas Trail
Indianapolis, Indiana 46268**

Micro Air, Inc. Job #20-8423-D

February 13th, 2006

**Plaintiffs
Exhibit**

13

9-9-15 AG

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- 5) **Certifications**

micro air inc.

6320 LA PAS TRAIL, INDIANAPOLIS, INDIANA 46268
TELEPHONE: (317) 293-1533 FAX: (317) 290-3566

E-MAIL: microair@microair.com
WEB SITE: <http://www.microair.com>

Indoor Air Quality
Catastrophe Services
Microbiology
Asbestos Surveys
Air Monitoring
Industrial Hygiene
Epidemiology
Radon Testing
Water Testing
Lead Testing

February 13th, 2006

Ms. Pat Sorensen
Project Manager
ERM EnviroClean LLC
Fidelity Plaza Tower Two, Suite 220
11350 N. Meridian Street
Carmel, Indiana 46032

RE: Asbestos Inspection, Main Plant Building, Johnson Controls Facility
Goshen, Indiana
Micro Air, Inc. Job #20-8423-D

Dear Ms. Sorensen:

Micro Air, Inc. was contracted to conduct a demolition, asbestos inspection of the Johnson Controls Facility, Main Plant Building located at 1302 E. Monroe Street in Goshen, Indiana. Mr. Anthony Bolanos (State of Indiana asbestos inspector accreditation's #190202101, Exp.Date: 12/04/06) and Mr. Shawn Finnerty (State of Indiana asbestos inspector accreditation's #190221015, Exp.Date: 07/26/06) of Micro Air, Inc. conducted the asbestos survey on January 26th and 27th, 2006. All inspection work was conducted following guidelines established under the EPA National Emission Standard for Asbestos (EPA 40 CFR 61 Subpart M). All bulk samples collected during the inspection were submitted to Micro Air, Inc.'s laboratory for analysis. All bulk samples were analyzed utilizing the EPA approved Polarized Light Microscopy method. Following is a synopsis of the finding of the survey:

Main Plant Building, Johnson Controls, (Goshen, Indiana)

The building at the site consists of two sections. The main administrative offices, located at the north end of the structure, were constructed in 1937. The east end of the administrative offices was an addition constructed in 1955. The administrative offices is a two-story structure built over a concrete slab. The south end of the structure is occupied by manufacturing space which was originally constructed in 1937, with additions constructed in 1960, 1961, 1967, 1971 and 1977. The main plant building contains approximately 314,000 square feet of manufacturing and office space. The building is currently utilized as an assembly plant for component equipment, tooling machinery and stamp equipment-all used in building heating systems.

The main administrative offices consist of hard wall plaster and drywall walls. Acoustical plaster ceilings were identified in the original office wing. New 12' x 12" vinyl floor tile and drywall finishes were also identified in the original office wing. Asphalt tile was identified beneath carpet throughout the east office addition and on the second floor of the original office

wing. Acoustical tile has been glued to the plaster upper ceilings throughout the east office addition. Both the original office wing and east addition are heated by a low-pressure steam radiated and forced air system. The exterior fascia of the office wing consists of brick and cut stone with a rubber membrane covering applied over asphalt roof felts.

The main plant building consists of poured concrete floors with concrete block walls and structural steel supporting corrugated metal and poured concrete roof decks. Vinyl floor tile and drop acoustical tile ceilings were identified in many of the restrooms and offices scattered throughout the plant floor. The main plant is heated by ceiling hung, low-pressure steam radiant units.

The following potential, asbestos-containing materials were identified and sampled within the Main Plant Building at the Johnson Controls Facility in Goshen, Indiana during the inspection:

1. Acoustical plaster ceilings (administrative offices)
2. Vinyl cove base molding and adhesive, various patterns (throughout main administrative offices and plant floor offices)
3. 12" x 12" acoustical tile and associated adhesive, various patterns (throughout main administrative offices)
4. Vibration joint cloth (mechanical rooms)
5. Carpet mastic (throughout main administrative offices)
6. 9" x 9" vinyl floor tile and associated adhesive, various patterns (throughout main administrative offices and plant floor offices)
7. 12" x 12" vinyl floor tile and associated adhesive, various patterns (throughout main administrative office and plant floor offices)
8. Hardwall plaster (throughout main administrative offices)
9. Drywall and associated joint compound (throughout main administrative offices)
10. 4" x 4" blue and tan check pattern floor tile and adhesive (administrative offices, second floor restroom at Room 080)
11. Roof drain pipe insulation (administrative offices, second floor)
12. Low-pressure steam and domestic water pipe insulation (throughout main administrative offices and plant floor offices)
13. Window caulk (throughout main administrative offices and main plant building)
14. 2' x 4' fissure pattern ceiling tile (main administrative offices)
15. Brown mosaic pattern sheet vinyl flooring and adhesive (main administrative offices)
16. Cream and grey pebble pattern sheet vinyl flooring and adhesive (main plant floor)
17. Cabinet insulation (main administrative offices)
18. Acoustical ceiling tile (plant floor offices)
19. Ceiling texture (plant floor offices)
20. Cement asbestos board (Roof level at penthouses)
21. Tar felt beneath cement asbestos board (Roof level at penthouses)
22. Tar tape pipe wrap (throughout main plant floor)
23. Oven door and duct insulation (main plant floor at heat treat oven)

- 24. Sprayed fireproofing (main plant floor at Columns P15 through P16)
- 25. Laboratory table tops (main plant floor at lab area southwest of Column G25)
- 26. Boiler door and interior insulation (main plant floor boiler room)
- 27. Stair treads and associated adhesive (main administrative offices and plant floor stairwells)
- 28. Asphalt roof field and flashing (main plant building and various additions, roof level)
- 29. Roof cement at electrical conduit (main administrative offices, roof level)

The following materials were confirmed to be asbestos-containing within the Main Plant Building at the Johnson Controls, Goshen, Indiana site:

Building Material: Low-pressure steam and domestic hot water air-cell pipe insulation and fittings, **Location:** Throughout main plant floor and main administrative offices (See Enclosed Drawing), **Amount:** Approximately 3,000 linear feet, **NESHAP Classification:** Friable asbestos-containing material ** **Note:** Pipe insulation was confirmed to exist at locations noted on the enclosed drawings. Additional material may exist within sealed wall cavities, the heating utility tunnel and above suspended plaster ceilings in the main administrative offices.

Building Material: Domestic cold water wrapped paper pipe insulation and fittings, **Location:** Throughout main plant floor and main administrative offices (See Enclosed Drawing), **Amount:** Approximately 2,300 linear feet, **NESHAP Classification:** Friable asbestos-containing material ** **Note:** Pipe insulation was confirmed to exist at locations noted on the enclosed drawings. Additional material may exist within sealed wall cavities and above suspended plaster ceilings in the main administrative offices.

Building Material: Roof drain wrapped paper pipe insulation and fittings, **Location:** Second floor administrative offices at Room 81, **Amount:** Approximately 10 linear feet, **NESHAP Classification:** Friable asbestos-containing material ** **Note:** Pipe insulation was confirmed to exist at the location noted. Additional material may exist within sealed wall cavities and above suspended plaster ceilings in the main administrative offices.

Building Material: Thermal cement pipe fittings on fiberglass, low-pressure steam and domestic water lines, **Location:** Throughout main plant floor (See Enclosed Drawing), **Amount:** Approximately 50 linear feet, **NESHAP Classification:** Friable asbestos-containing material **

Building Material: 9" x 9" vinyl floor tile and adhesive (various patterns), **Location:** Throughout main administrative offices and main plant floor (See Enclosed Drawing), **Amount:** Approximately 11,400 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material * **Note:** The material is located beneath carpet in most of the main administrative office area.

Building Material: 12" x 12" vinyl floor tile and adhesive (various patterns), **Location:** Main administrative offices at second floor restrooms and main plant floor (See Enclosed Drawing), **Amount:** Approximately 4,000 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *

Building Material: 4" x 4" blue and tan check pattern vinyl floor tile and adhesive, **Location:** Second floor of administration offices at west end restroom, **Amount:** Approximately 30 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *

Building Material: Brown mosaic pattern sheet flooring and adhesive, **Location:** Ground level of administration offices at west entrance, **Amount:** Approximately 200 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *

Building Material: 6" black with white streak cove base molding and adhesive, **Location:** Second floor of main plant building at Column E8, **Amount:** Approximately 500 linear feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *

Building Material: Cream and grey pebble pattern sheet flooring and adhesive, **Location:** Second floor hallway of main plant building at Column F10, **Amount:** Approximately 750 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *

Building Material: Tape wrap on steam, soft water and domestic water pipe fittings, **Location:** Main plant building, boiler room, **Amount:** Approximately 50 square feet, **NESHAP Classification:** Category 2 non-friable asbestos-containing material **

Building Material: Cement asbestos paneling, **Location:** Penthouses at roof level of main plant building, **Amount:** Approximately 400 square feet, **NESHAP Classification:** Category 2 non-friable asbestos-containing material ** **Note:** This material is utilized as wall paneling at the penthouses.

Building Material: Asphalt roof cement at electrical conduit, **Location:** Main administrative offices roof at electrical conduit, **Amount:** Approximately 20 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *

Building Material: Asphalt roof flashing, **Location:** Perimeter and roof penetrations at main plant roof and associated additions, (See Enclosed Drawing) **Amount:** Approximately 10,000 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material * **Note:** The asphalt roof field and flashing at the main administrative offices, main plant 1967 wing addition, east addition and roof at the former tool and die room and plastics department were confirmed not to contain asbestos.

Asphalt based roofing, vinyl cove base molding, sheet vinyl flooring, vinyl floor tile and associated adhesive are classified as Category 1 non-friable asbestos under U.S. Environmental

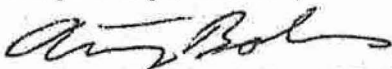
Ms. Pat Soransen
ERM EnviroClean LLC
Asbestos Inspection - Johnson Controls, Goshen, IN
Micro Air, Inc. Job #20-8423-D
February 13th, 2006
Page 5

Protection Agency and Indiana Department of Environmental Management regulations. Category 1 non-friable materials need not be removed prior to building demolition, provided the material is not subjected to sanding, grinding, and mechanical abrading or burning. Category 1 non-friable material not subjected to the aforementioned activities may be disposed of at a State of Indiana approved construction/demolition or municipal solid waste landfill without special packaging or labeling.

** Asbestos pipe insulation is classified as friable, asbestos-containing material and tape wrap on pipe fittings and cement asbestos board are classified as Category 2, non-friable asbestos-containing material under U.S. Environmental Protection Agency and Indiana Department of Environmental Management regulations. Friable, asbestos-containing material and Category 2, non-friable asbestos must be removed prior to building demolition. The material must be disposed of at a State of Indiana approved RCRA subtitle D landfill.

A copy of the laboratory report and photographs of materials sampled has been included. Thank you for the opportunity to provide our asbestos related services. If you have any questions concerning this report or need additional information, please do not hesitate to contact me.

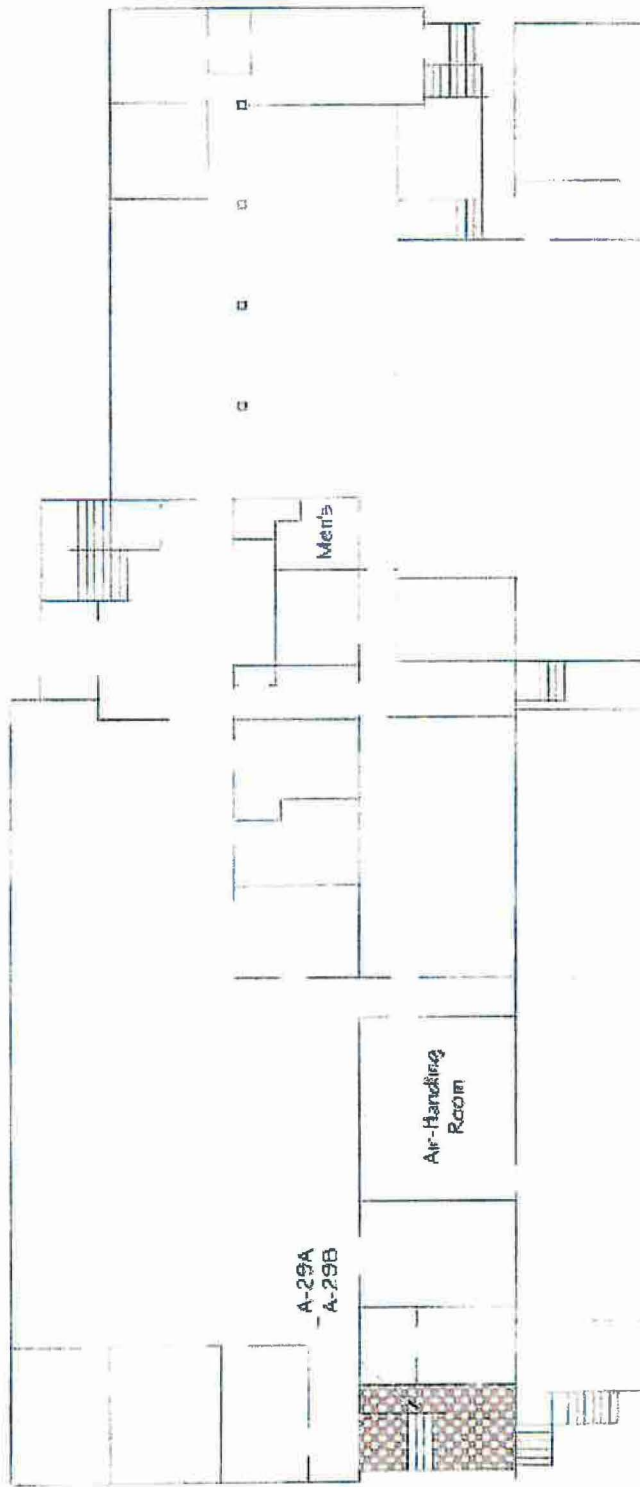
Respectfully Submitted,



Anthony Bolanos, MPA, CHMM
Asbestos Division Manager
Micro Air, Inc.

Enclosures

Administrative Offices
Ground Floor



 - Brown Mosaic Sheet Flooring and Adhesive

Johnson Controls
Administrative Offices - Ground Floor
Cassidy, Indiana
Address: Building Inspection
Drawing # 20-812-1, Admin-01

Shree Air, Inc.
6029 Ln Pk Trail
Indianapolis, Indiana 46268
(317) 293-1533

Date: February 2006
State: _____
Project Name: _____
Drawn By: A.E.R.
Checked By: B.C.F.
Scale: _____



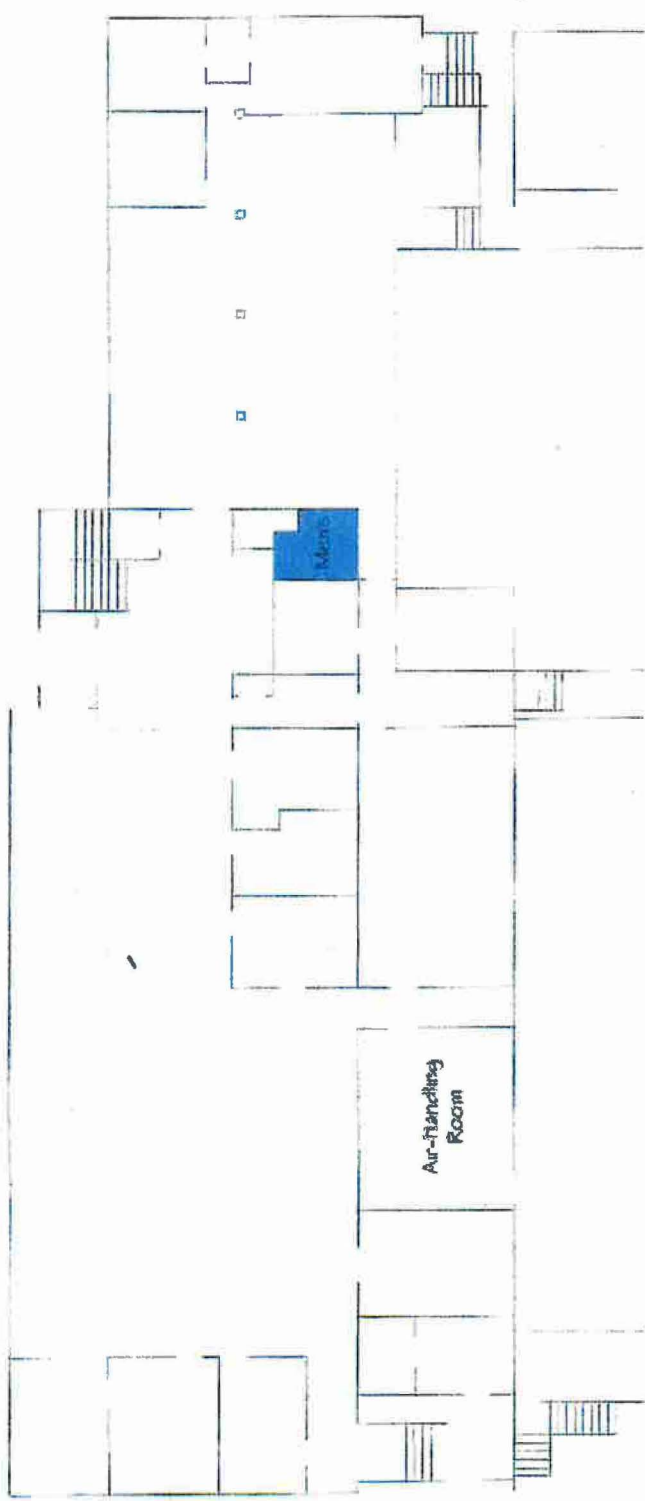


Date: February 2006
State: None
Project Mgr: S.P.E.
Checked By: A.E.B.

Micro Air, Inc.
6320 La Pita Trail
Indianapolis, Indiana 46268
(317) 293-1533

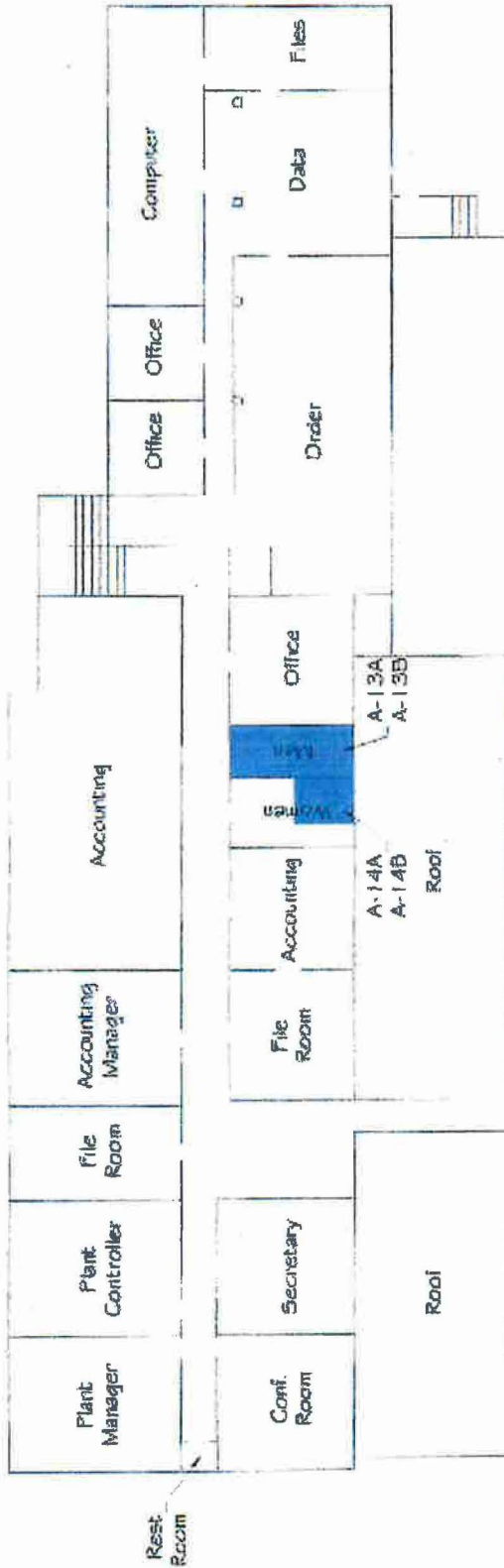
Johnson Controls
Administrative Offices - Ground Floor
Indianapolis, Indiana
Architect: Building Inspection
Drawing # 20060201-001

Administrative Offices
Ground Floor



■ - 12" x 12" Floor Tile and Adhesive

Administrative Offices Second Floor



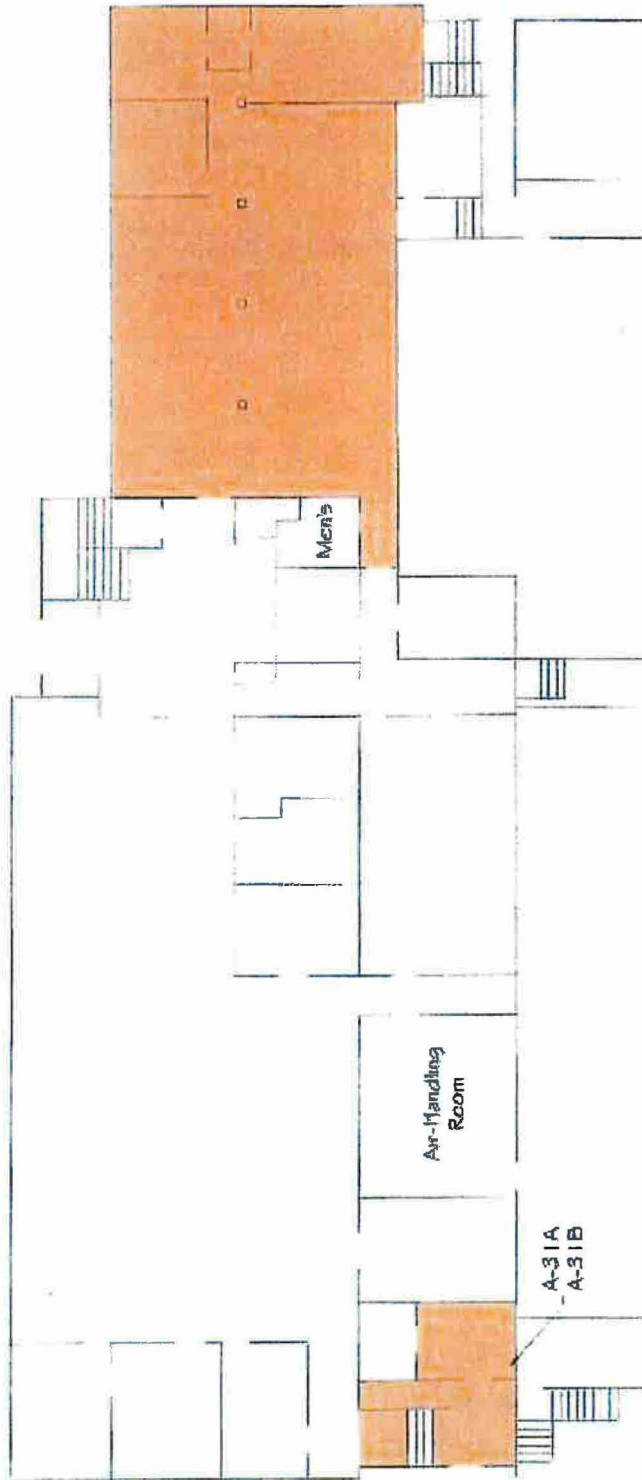
- 12' x 12' Floor Tile and Adhesive

Adrian, Canada
Administrative Offices - Second Floor
Project: Indian
Drawing: 2008-12-17-Admin-02

Blaine Air, Inc.
6370 La Pine Trail
Indianapolis, Indiana 46268
(317) 292-1531

Drawn By: A.P.
Project Mgr: S.J.F.
Scale: N/A
Date: February 2008

Administrative Offices
Ground Floor



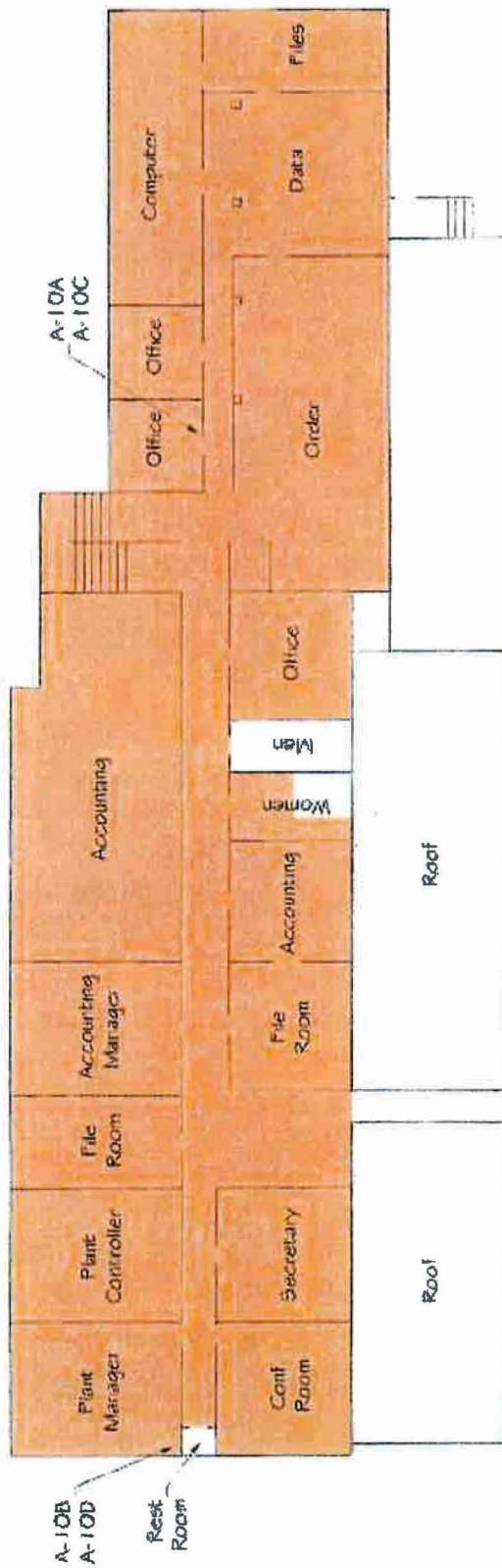
- 9" x 9" Floor Tile and Adhesive

Date: February 2004
 Scale: 1/8" = 1'-0"
 Project No.: 04-01
 Drawn By: D.O.F.
 Checked By: A.K.B.

Blanco, A.D., Inc.
 6318 La Pos Trail
 Indianapolis, Indiana 46260
 (317) 292-4333

Johnson Controls
 Administrative Offices - Ground Floor
 Greenc, Indiana
 Architect: Building Inspection
 Drawing #: 20-4121-Admin-01

Administrative Offices Second Floor



- 9" x 9" Floor Tile and Adhesive



Date: February 2009
 Scale: 1/4" = 1'-0"
 Project Name: G370 La Pas Trail
 Drawn By: D.G.F.
 Checked By: A.E.H.

Miller Alyn Inc.
 6370 La Pas Trail
 Indianapolis, Indiana 46268
 (317) 283-1533

Revision Control
 Administrative Offices - Second Floor
 Gates, Indiana
 Asbestos Building Inspection
 Drawing # 20-5523-Admin-02

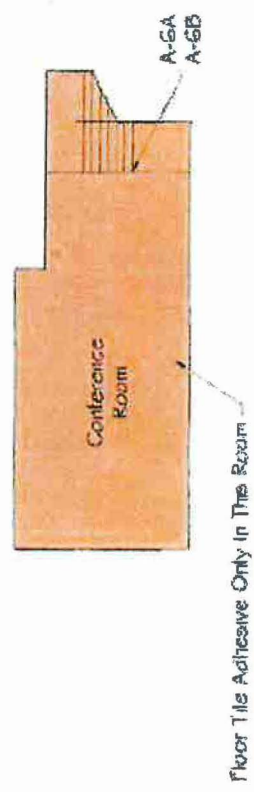


Date: February 2008
Scale: None
Project No: 327
Drawn By: D.J.L.
Checked By: A.E.B.

Blanco Air, Inc.
6028 La Paz Trail
Indianapolis, Indiana 46266
(317) 243-1533

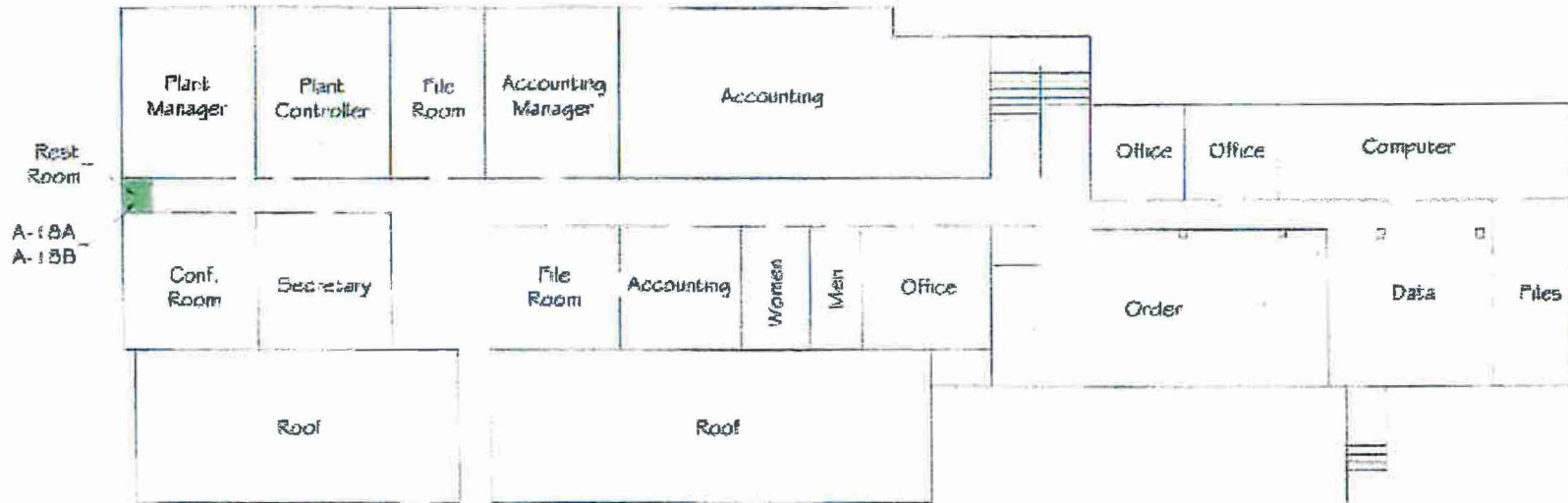
Indian Contract
Administrative Offices - Third Floor
Crutcher, Indiana
Admission Building Inspection
Drawing No. 20-042-1-Admin-03

Administrative Offices
Third Floor



- 9' x 9' Floor Tile and Adhesive

Administrative Offices
Second Floor



 - 4" x 4" Floor Tile and Adhesive

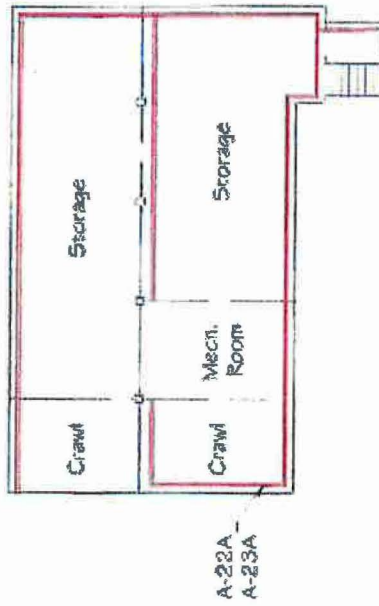
Location Contacts
Administrative Offices - Second Floor
Graham, Indiana 46268
Advanced Building Information
Drawing P. 22-442, 4-6-11-10-12

McGraw-Hill, Inc.
6328 Le Pas Trail
Indianapolis, Indiana 46268
(317) 295-1533

Date February 2006
Scale None
Project Mgr. S.F.F.
Drawn By D.C.F.
Checked By A.E.H.



Administrative Offices
Basement Floor



 - Low Pressure Steam and Domestic Hot Water Air-Cell Pipe Insulation and Fittings

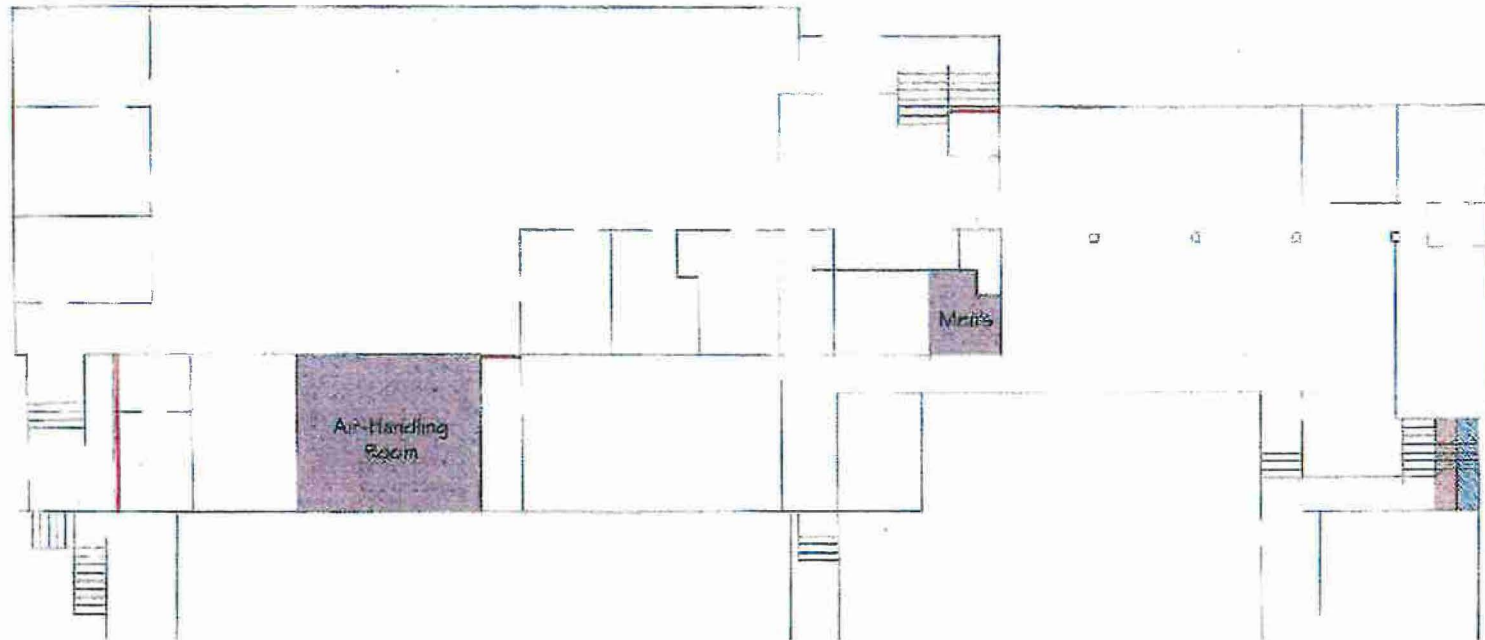
Johnson County
Administrative Offices - Truman Plaza
Canton, Indiana
Mechanical Building Inspection
Drawing of 10-15-22-Administrative

Miller A/E, Inc.
6320 La Paz Trail
Indianapolis, Indiana 46266
(317) 293-1200

Date: February 2005
Scale: None
Project No.: 05-02
Drawn By: A.E.H.
Checked By: E.C.F.



Administrative Offices
Ground Floor



- Domestic Cold Water Wrapped Paper Pipe Insulation and Fittings
 - Low Pressure Steam and Domestic Hot Water Air-Cell Pipe Insulation and Fittings
- Note: - Additional pipe insulation may exist inside sealed wall cavities and above suspended plaster ceilings throughout floor.

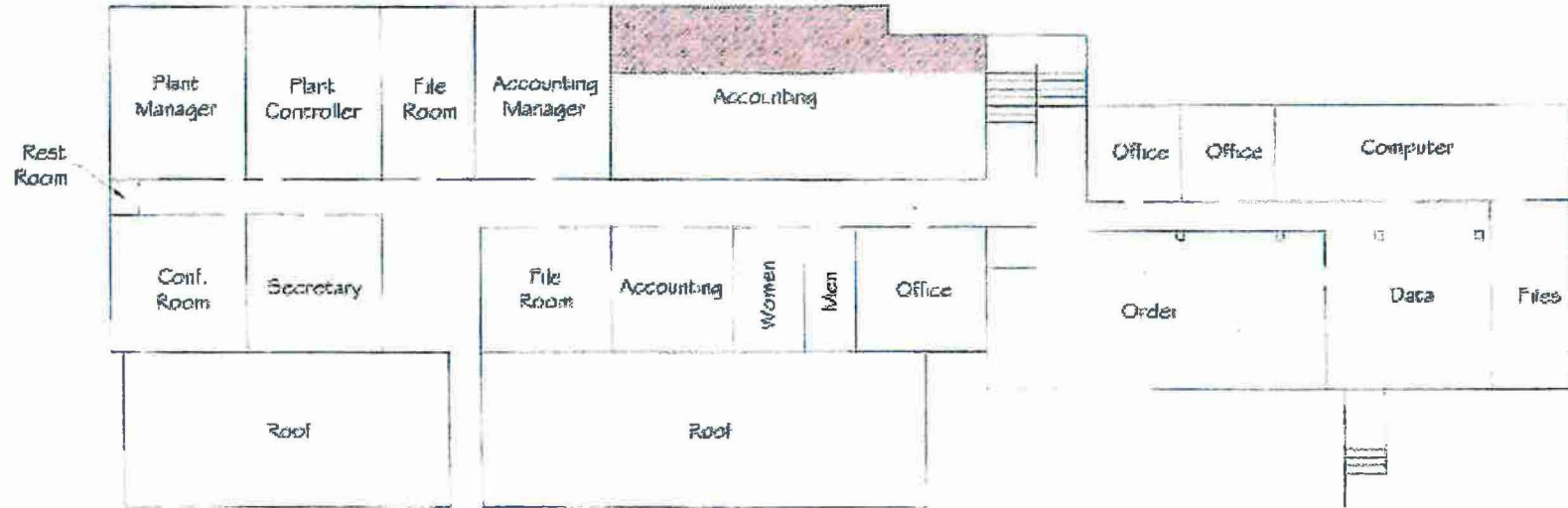
Johnson Controls
Administrative Offices - Ground Floor
Garden, Indiana
Asbestos Building Inspection
Drawing #: 20-002-Submittal

Adreco Air, Inc.
6320 La Via Trail
Indianapolis, Indiana 46268
(317) 293-1533

File: January 2006
Name: S.T.F.
Project Mgr: D.O.F.
Drawn By: A.E.D.
Checked By:



Administrative Offices Second Floor



Low Pressure Steam and Domestic Hot Water Air-Cell Pipe Insulation and Fittings

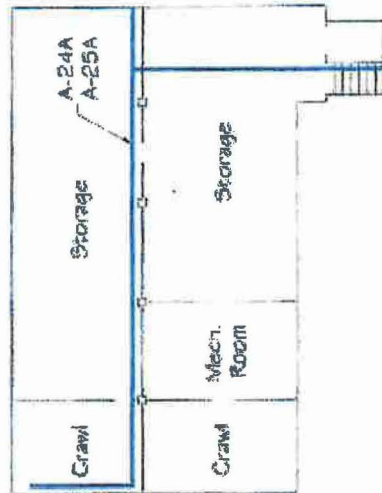
Johnson Controls
Administrative Offices - Second Floor
Grandin, Indiana
Johnson Building Inspection
Drawing: J-10-Admin-27

Moran Air, Inc.
6328 La Paz Trail
Indianapolis, Indiana 46268
(317) 393-1533

Date: January 2016
Scale: None
Drawn By: S.P.T.
Checked By: D.C.F.
Electrical: A.E.B.



Administrative Offices
Basement Floor



■ - Domestic Cold Water Wrapped Paper Pipe Insulation and Fittings

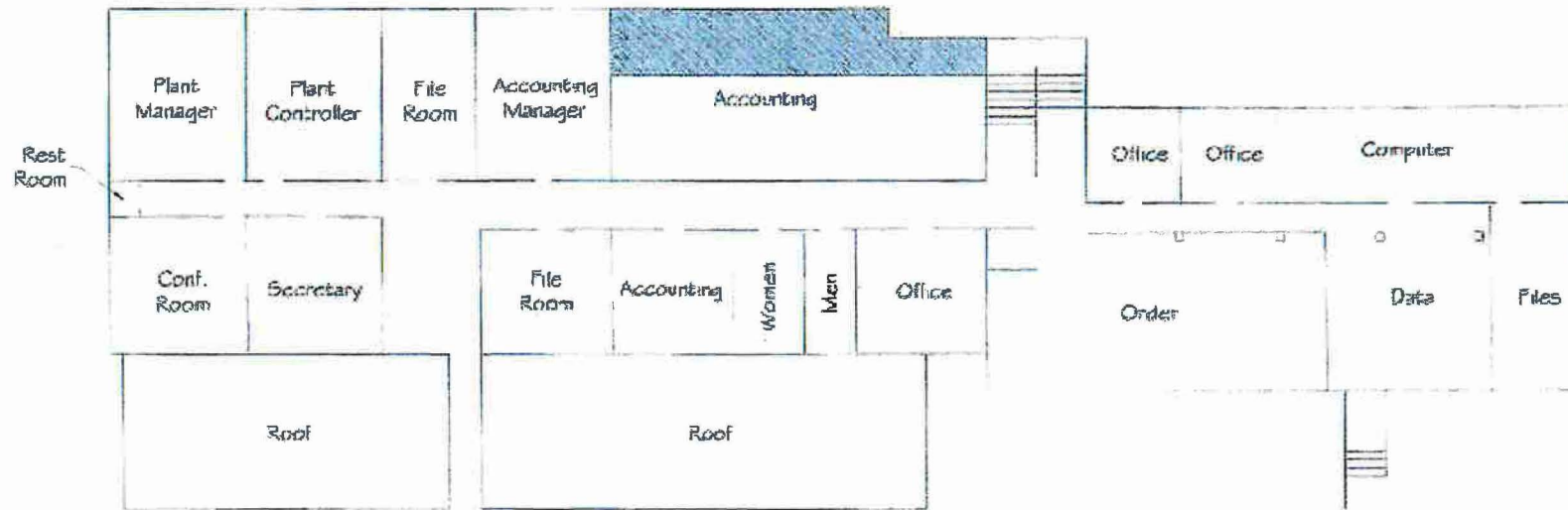


Issue: February 2020
Scale: None
Project Mgr: S.P.F.
Drawn By: D.G.F.
Checked By: A.E.H.

Mkxru Air, Inc.
6330 La Post Trail
Indianapolis, Indiana 46268
(317) 298-4533

Admin Controls
Administrative Offices - Basement Floor
Cooling, Heating
Air Conditioning Equipment
Drawing #: 20-0121-Admin-06

Administrative Offices
Second Floor



 - Domestic Cold Water Wrapped Paper Pipe Insulation and Fittings

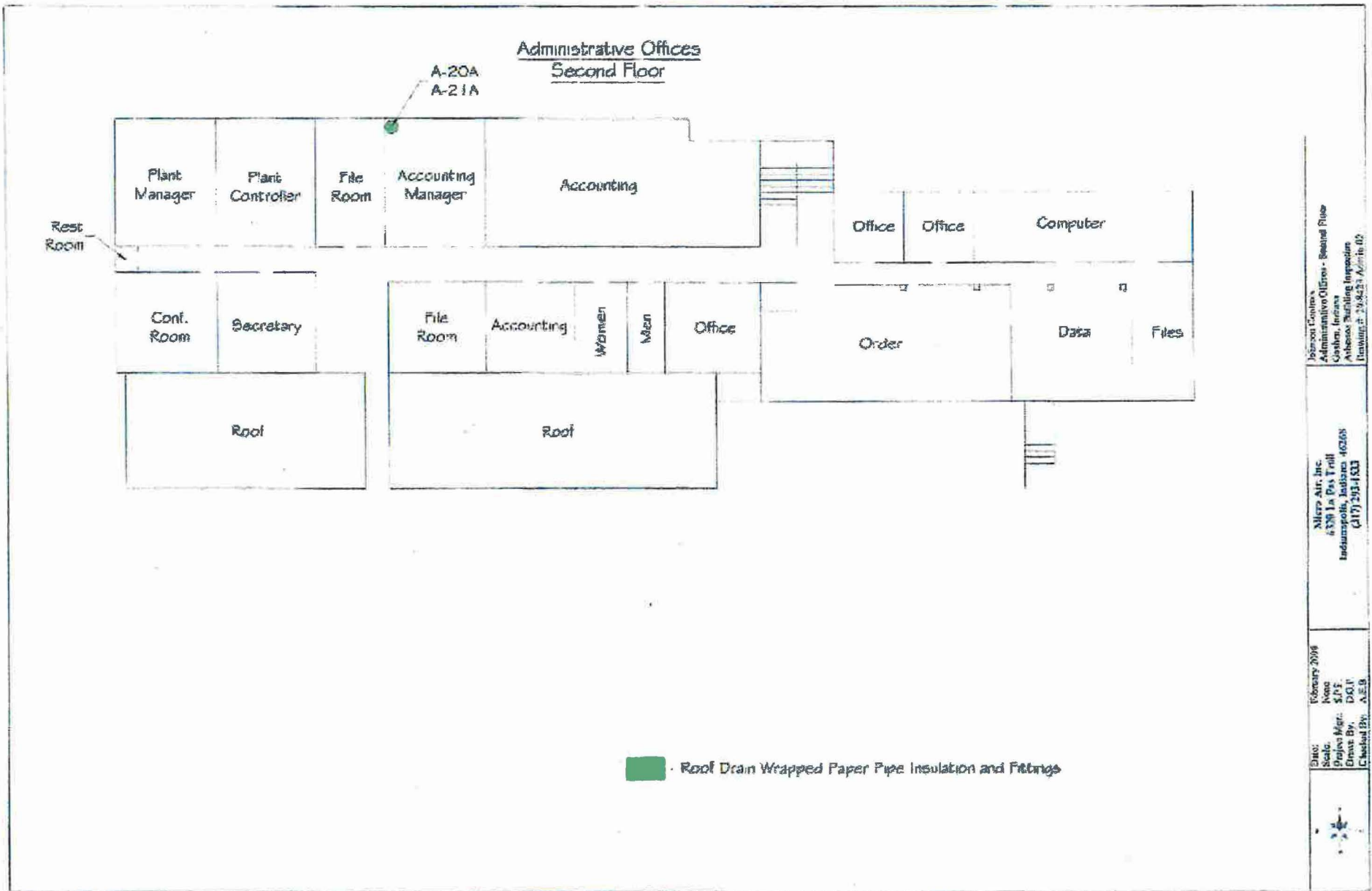
Note: - Additional pipe insulation may exist inside sealed wall cavities and above suspended plaster ceilings throughout floor.

Johnson Controls
Administrative Offices - Second Floor
Green, Indiana
Abbott Building Inspection
Drawing #: 70-842-5/00111-02

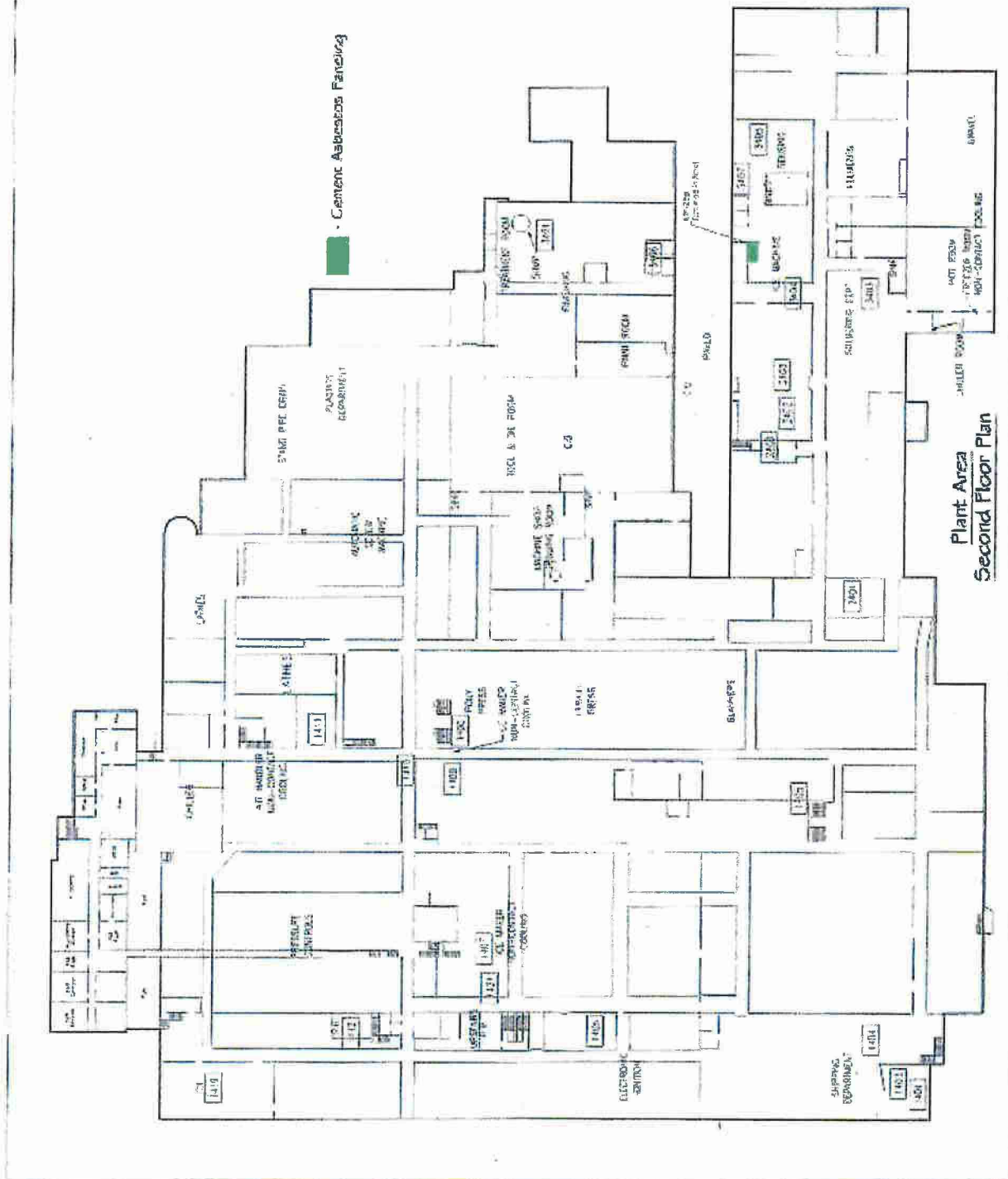
Micro Air, Inc.
6180 1st Ave. East
Indianapolis, Indiana 46268
(317) 293-1533

Date: February 2006
Scale: None
Project No: S.F.E.
Drawn By: J.E.J.
Checked By: A.E.H.









Plant Area
Second Floor Plan

Cement Addressed Paving



Date: February 2006
 Project: 06-01
 Scale: 1/8" = 1'-0"
 Drawn By: J.E.F.
 Checked By: A.M.S.

Miller, Ate, Inc.
 4310 E. 1st Ave.
 Indianapolis, Indiana 46204
 (317) 282-1533

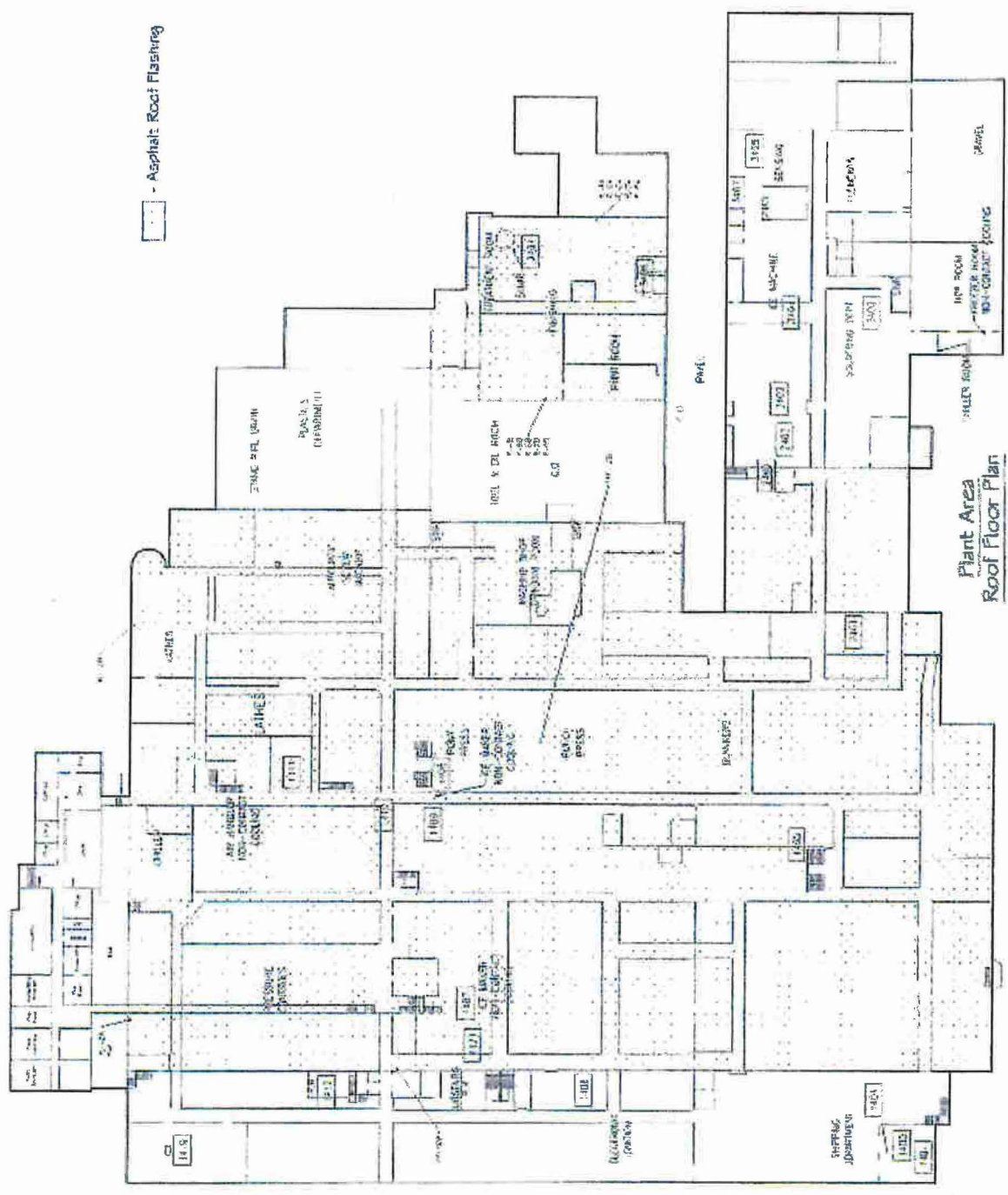
Johnson Construction
 2101 Ave. - Second Floor
 46204
 (317) 282-1533
 Drawing # 20-06-02-03

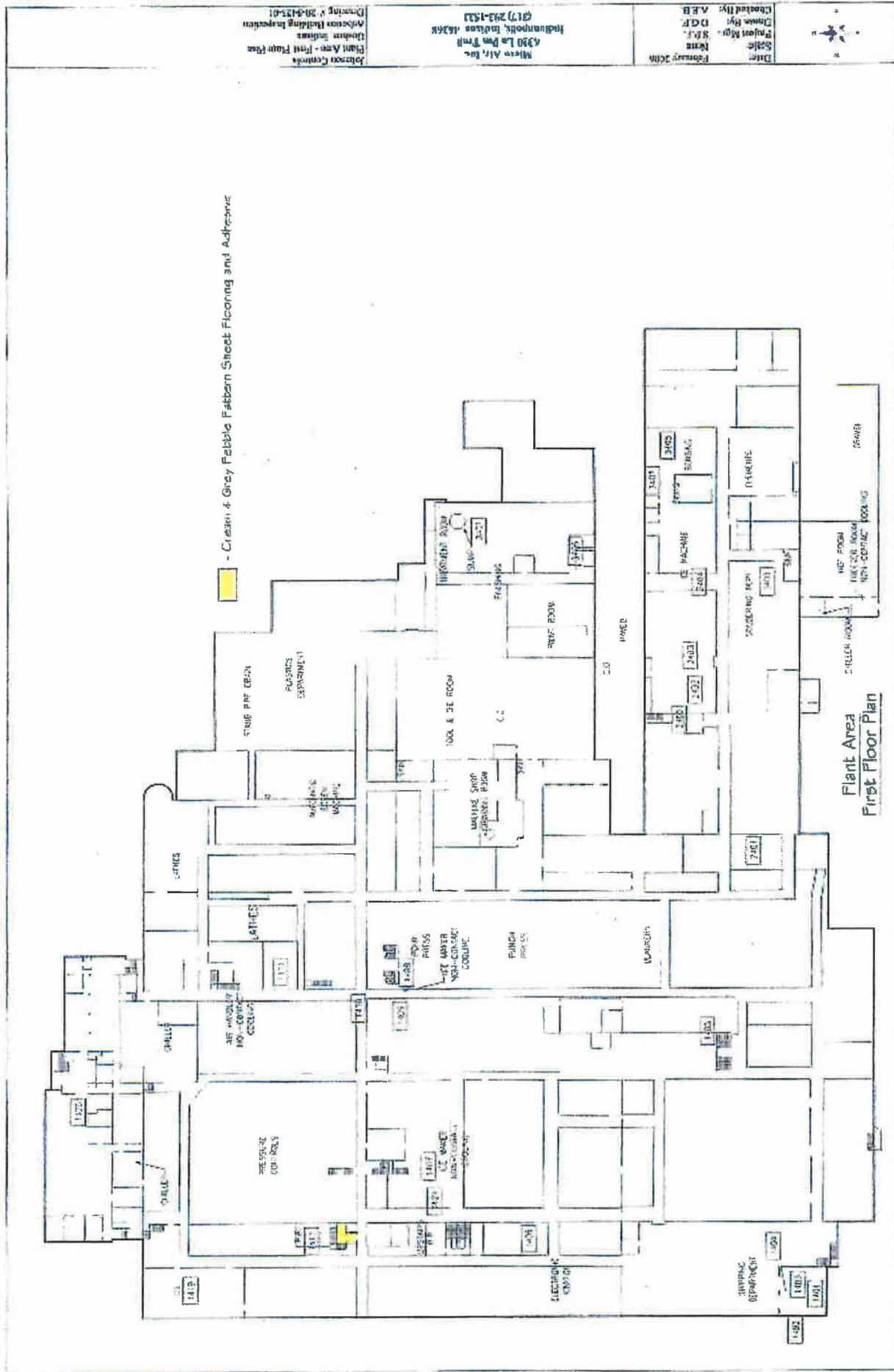


Date: February 2009
Scale: None
Project Mgr: R.P.F.
Drawn By: M.E.B.
Checked By: M.E.B.

Shawm Alar Inc
6320 La Paz Trail
Indianapolis, Indiana 46240
(317) 253-1533

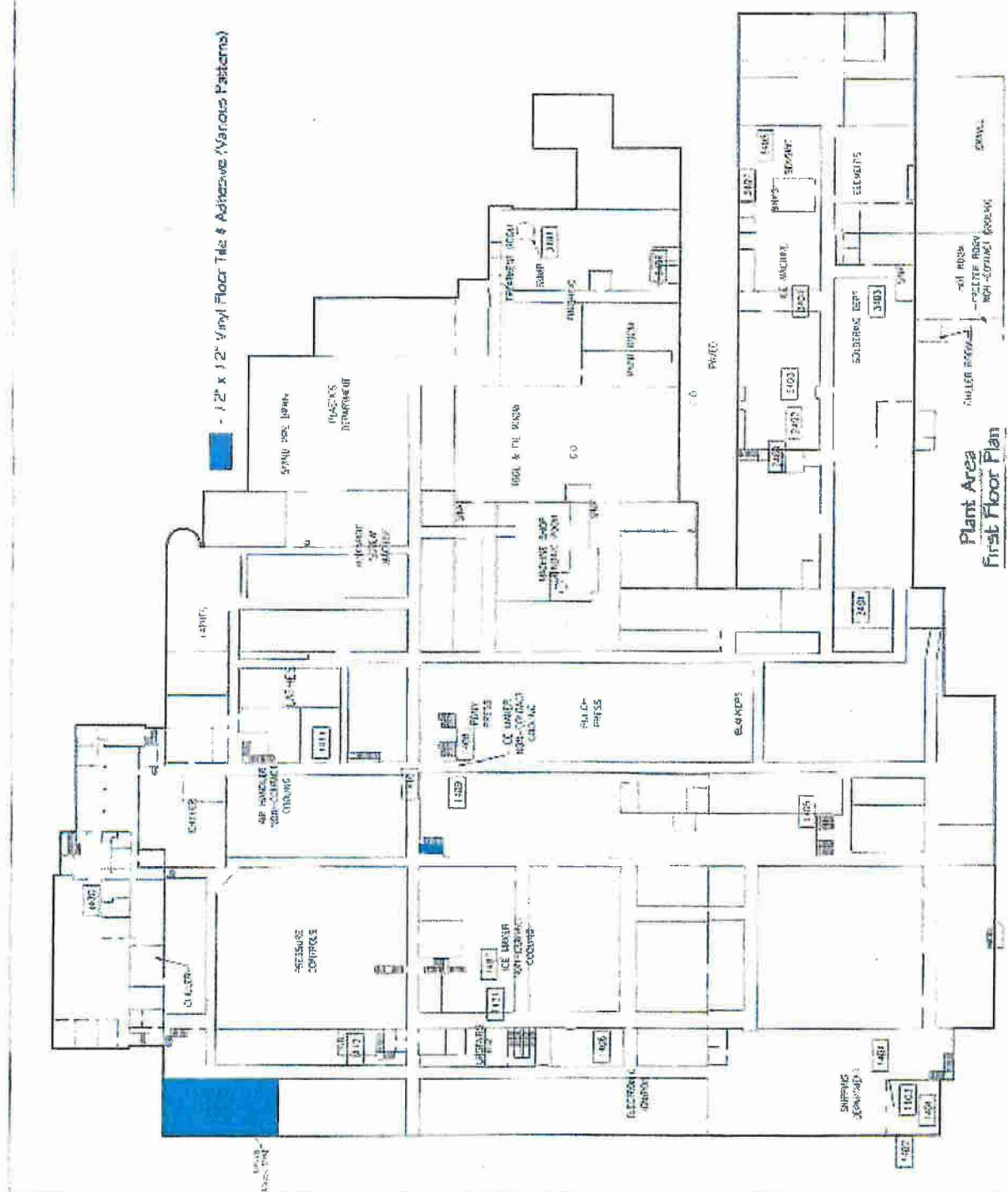
Johnson Controls
Plant Area - Roof Floor Plan
Johnson Controls
Indianapolis, Indiana 46240
(317) 253-1533

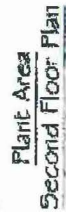




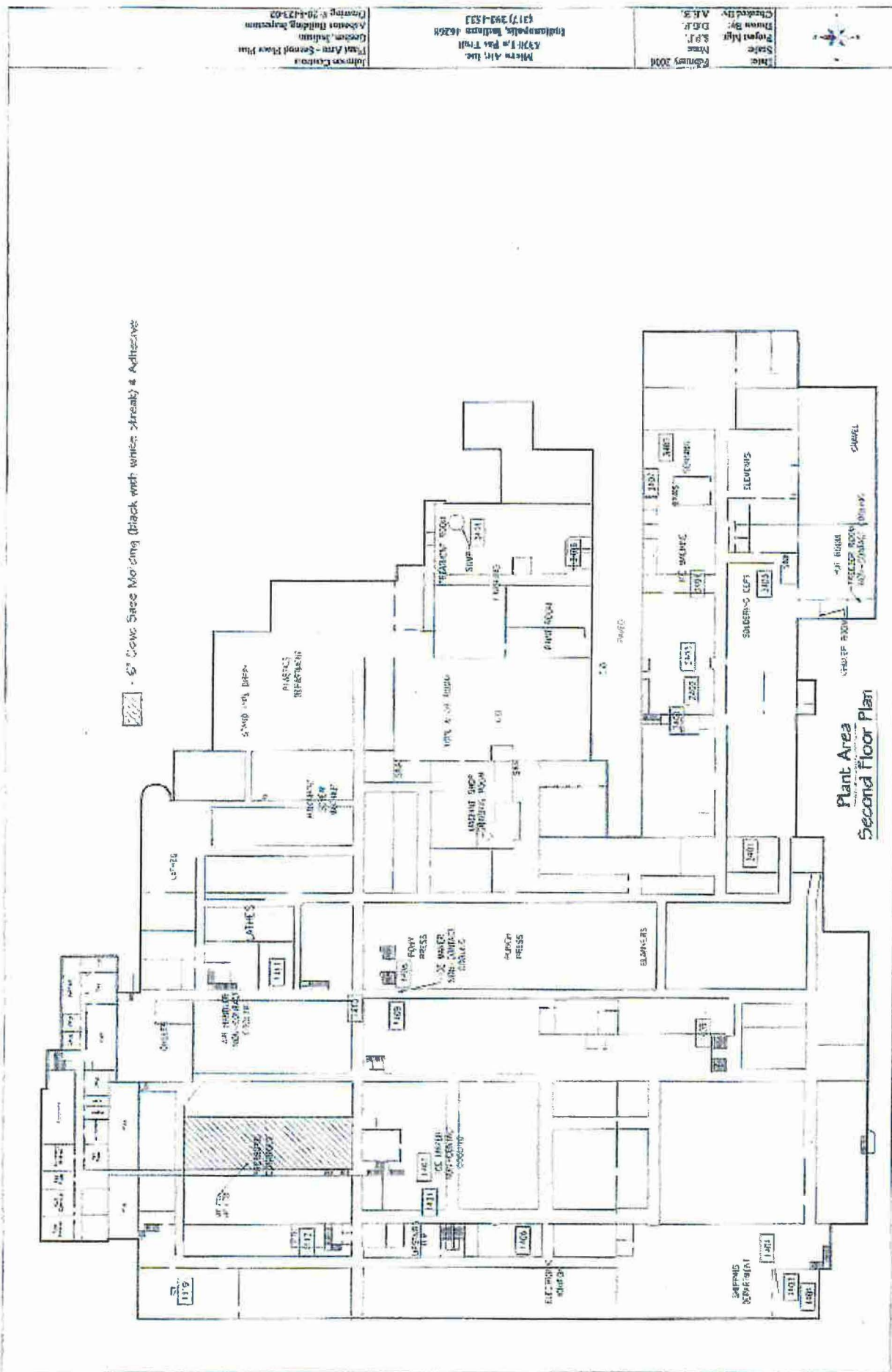


Rajmangla Chemicals
 Plot 4, sec - First Floor Phase
 Gurgaon, India
 Address: Building Inspection
 Drawing No. 211-422-011





- 5' x 5' Vinyl Floor Tile & Adhesive (Various Patterns)



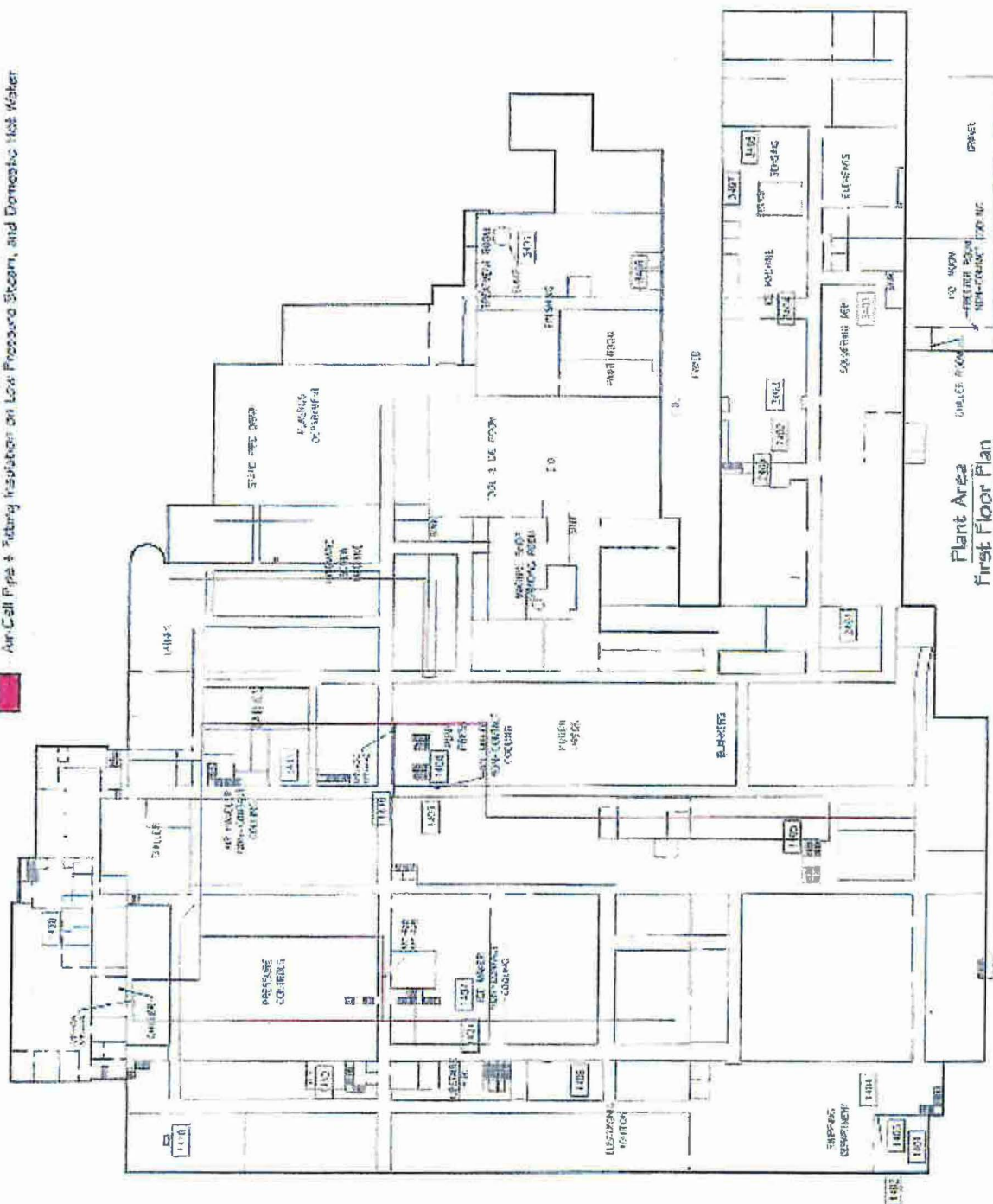
Date: February 2004
 Project No.: 04-01
 Drawn By: A.R.S.
 Checked By: A.R.S.
 Title: Plant Area - Second Floor Plan
 Address: 1000 1st Ave. S.W.
 City: Seattle, WA 98101
 Phone: (206) 462-1533
 Fax: (206) 462-1534
 E-mail: info@ars.com
 Website: www.ars.com
 Project No.: 04-01
 Drawn By: A.R.S.
 Checked By: A.R.S.
 Title: Plant Area - Second Floor Plan
 Address: 1000 1st Ave. S.W.
 City: Seattle, WA 98101
 Phone: (206) 462-1533
 Fax: (206) 462-1534
 E-mail: info@ars.com
 Website: www.ars.com







 Air-Cell Pipe & Tubing Installation on Low Pressure Steam, and Domestic Hot Water



Plant Area
 First Floor Plan

Date: February 2004
 Project Name: 1530 La Paz Trail
 Project Address: Indianapolis, Indiana 46268
 Project Number: (317) 233-1533
 Checked By: D.C.T.
 Drawn By: S.P.T.
 Scale: 1/8" = 1'-0"
 Project Manager: S.P.T.
 Project Engineer: S.P.T.
 Project Architect: S.P.T.
 Project Designer: S.P.T.
 Project Drafter: S.P.T.
 Project Checker: S.P.T.
 Project Approver: S.P.T.
 Project Owner: S.P.T.

Johnnie C. Wright
 Field Area - Second Shift Supervisor
 Clarksburg, Indiana
 Assistant - Training Inspector
 Clarksburg, Indiana
 Training # 10-0123-02



Plant Area
Second Floor Plan

micro air inc.

6320 LA PAS TRAIL, INDIANAPOLIS, INDIANA 46268
TELEPHONE: (317) 293-1533 FAX: (317) 290-3566

E-MAIL: microair@microair.com
WEB SITE: <http://www.microair.com>

Indoor Air Quality
Catastrophe Services
Microbiology
Asbestos Surveys
Air Monitoring
Industrial Hygiene
Epidemiology
Radon Testing
Water Testing
Lead Testing

February 13th, 2006

Ms. Pat Sorensen
Project Manager
ERM EnviroClean LLC
Fidelity Plaza Tower Two, Suite 220
11350 N. Meridian Street
Carmel, Indiana 46032

RE: Asbestos Inspection, Engineering Building, Johnson Controls Facility
Goshen, Indiana
Micro Air, Inc. Job #20-8423-D

Dear Ms. Sorensen:

Micro Air, Inc. was contracted to conduct a demolition, asbestos inspection of the Johnson Controls Facility, Engineering Building located at 1302 E. Monroe Street in Goshen, Indiana. Mr. Anthony Bolanos (State of Indiana asbestos inspector accreditation's #190202101, Exp.Date: 12/04/06) of Micro Air, Inc. conducted the asbestos survey on January 26th, 2006. All inspection work was conducted following guidelines established under the EPA National Emission Standard for Asbestos (EPA 40 CFR 61 Subpart M). All bulk samples collected during the inspection were submitted to Micro Air, Inc.'s laboratory for analysis. All bulk samples were analyzed utilizing the EPA approved Polarized Light Microscopy method. Following is a synopsis of the finding of the survey:

Engineering Building, Johnson Controls, (Goshen, Indiana)

The building at the site is a two-story structure built over a full basement. The building contains approximately 18,000 square feet of floor space. The building, which is currently vacant, was constructed in 1955. The building was formerly utilized as research and development space for the Johnson Controls facility. The basement level of the structure is occupied by heating and air conditioning space. The ground floor of the structure was at one time utilized as research laboratory and office space. The second floor of the structure was occupied by additional office space. The building was at one time heated by a heating water forced air and radiant heating system. The building consists of brick, cut stone and metal exterior fascia with a rubber membrane covering applied over an asphalt roof field. The basement level of the structure consists of poured concrete walls and floors with a corrugated metal ceiling. The ground floor of the structure consists of ceramic tile, carpet and vinyl floor tile applied over poured concrete floors. Drywall, concrete block and cement asbestos board walls were also identified on the ground floor of the structure. Drop acoustical tile ceilings were identified throughout the majority of the ground floor, with a small amount of metal pan ceiling identified at the north

lobby area and north office. Non-suspect, tectum roof deck board was identified throughout the second level of the structure. Carpet applied over vinyl floor tile, drywall walls and metal pan acoustical tile ceilings were identified throughout the second floor of the structure.

The following potential, asbestos-containing materials were identified and sampled within the Engineering Building at the Johnson Controls Facility in Goshen, Indiana during the inspection:

1. Asbestos duct insulation (basement level; west mechanical room)
2. Vibration joint cloth (basement level; west mechanical room)
3. Window caulk (exterior window frames)
4. Glue on seams of sheet metal ductwork (basement level)
5. 9" x 9" tan pattern floor tile and adhesive (basement level, stairwell)
6. 12" x 12" tan with grey speck floor tile and adhesive (second floor, hallway to main plant building)
7. 2' x 4' fissured pattern ceiling tile (ground and second floors)
8. Drywall and associated joint compound (ground and second floors)
9. Cement asbestos board on stored oven (basement level)
10. Wiring insulation on stored oven (basement level)
11. Interior insulation on stored oven (basement level)
12. Vinyl cove base molding and adhesive (various patterns) (throughout building)
13. 9" x 9" brown floor tile and adhesive (1950's wing; office restrooms)
14. Carpet adhesive (ground and second floors)
15. Hardwall plaster (ground and second floors)
16. 12" x 12" ochre and brown spot pattern floor tile and adhesive (second floor, women's restroom)
17. 12" x 12" tan with white streak pattern floor tile and adhesive (second floor, northwest stairwell)
18. Paper backing on metal pan ceilings (ground and second floors)
19. Asbestos paper above metal pan ceilings (ground and second floors)
20. 12" x 12" tan with white streak floor tile and adhesive (ground floor hallway)
21. 2' x 4' deep fissure pattern ceiling tile (ground floor, west office)
22. Laboratory table tops (ground floor, lab area)
23. Cement asbestos board (ground floor, lab areas)
24. 12" x 12" green with white streak pattern floor tile and adhesive (ground floor, aerobics room)
25. 12" x 12" sky blue pattern floor tile and adhesive (ground floor, aerobics room)
26. Tan stair treads and adhesive (ground floor, lobby area)
27. Air-cell pipe insulation and associated fittings (ground floor)
28. Asphalt roof field and flashing (roof level)
29. Roof cement at roof exhausts (roof level)

The following materials were confirmed to be asbestos-containing within the Engineering Building at the Johnson Controls, Goshen, Indiana site:

Building Material: Asbestos duct wrap, **Location:** Basement level; west air-handling room, **Amount:** Approximately square 500 square feet, **NESHAP Classification:** Friable asbestos-containing material ** **Note:** The material in question is asbestos tape applied over the fiberglass duct insulation located in the basement level, west air-handling room.

Building Material: Glue on ductwork, **Location:** Basement level; seams of sheet metal ductwork, **Amount:** Less than 100 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *

Building Material: 9" x 9" tan floor tile and adhesive, **Location:** Basement level; stairwell, **Amount:** Approximately 100 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *

Building Material: 12" x 12" tan with grey speck floor tile adhesive, **Location:** Second floor; hallway to main plant building, **Amount:** Approximately 400 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *, **Note:** The floor tile does not contain asbestos.

Building Material: Cement asbestos paneling on stored oven, **Location:** Basement level; east end, **Amount:** Approximately 10 square feet, **NESHAP Classification:** Category 2 non-friable asbestos-containing material **

Building Material: Wiring insulation on stored oven, **Location:** Basement level; east end, **Amount:** Approximately 5 linear feet, **NESHAP Classification:** Category 2 non-friable asbestos-containing material **

Building Material: Interior insulation on stored oven, **Location:** Basement level; east end, **Amount:** Approximately 10 square feet, **NESHAP Classification:** Friable asbestos-containing material **

Building Material: 9" x 9" brown floor tile and adhesive, **Location:** Ground level; beneath 12" x 12" floor tile at north lab area, Second level; men's restroom and beneath carpet throughout offices, **Amount:** Approximately 5,700 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *

Building Material: 12" x 12" ochre and brown spot floor tile adhesive, **Location:** Second floor; women's restroom, **Amount:** Approximately 100 square feet, **NESHAP Classification:** Category 1 non-friable asbestos-containing material *, **Note:** The floor tile does not contain asbestos.

Building Material: Asbestos paper above metal pan ceiling, **Location:** Ground level; above metal pan ceiling at north lobby and office, Second level; above metal pan ceiling throughout

second floor, Amount: Approximately 6,300 square feet, NESHAP Classification: Friable asbestos-containing material **

Building Material: 12" x 12" tan with white streak floor tile adhesive, Location: Ground level; hallway, Amount: Approximately 130 square feet, NESHAP Classification: Category 1 non-friable asbestos-containing material *, Note: The floor tile does not contain asbestos.

Building Material: Cement asbestos paneling, Location: Ground level; lab areas, Amount: Approximately 1,000 square feet, NESHAP Classification: Category 2 non-friable asbestos-containing material ** Note: This material has been utilized at the laboratory table tops, electrical panels, wire spools and interior walls throughout the ground level lab areas.

Building Material: Air-cell pipe insulation and associated pipe fittings, Location: Ground level; hallway, aerobics room, restrooms, lab areas, offices, lobby, Amount: Approximately 850 linear feet, NESHAP Classification: Friable asbestos-containing material **, Note: This material has been applied to the heating water and domestic hot water lines throughout the ground level of the building. The material is located above the suspended acoustical tile ceilings throughout most of the ground level of the building.

Building Material: Roofing cement at roof penetrations, Location: Roof penetrations throughout the roof level of the structure, Amount: Less than 100 square feet, NESHAP Classification: Category 1 non-friable asbestos-containing material *

* Asphalt based roofing, duct glue and vinyl floor tile and adhesive are classified as Category 1 non-friable asbestos under U.S. Environmental Protection Agency and Indiana Department of Environmental Management regulations. Category 1 non-friable materials need not be removed prior to building demolition, provided the material is not subjected to sanding, grinding, and mechanical abrading or burning. Category 1 non-friable material not subjected to the aforementioned activities may be disposed of at a State of Indiana approved construction/demolition or municipal solid waste landfill without special packaging or labeling.

** Asbestos pipe insulation is classified as friable, asbestos-containing material and cement asbestos board is classified as Category 2, non-friable asbestos-containing material under U.S. Environmental Protection Agency and Indiana Department of Environmental Management regulations. Friable, asbestos-containing material and Category 2, non-friable asbestos must be removed prior to building demolition. The material must be disposed of at a State of Indiana approved RCRA subtitle D landfill.

A copy of the laboratory report and photographs of materials sampled has been included. Thank you for the opportunity to provide our asbestos related services. If you have any questions concerning this report or need additional information, please do not hesitate to contact me.

Ms. Pat Sorensen
ERM EnviroClean LLC
Asbestos Inspection - Johnson Controls, Goshen, IN
Micro Air, Inc. Job #20-8423-D
February 13th, 2006
Page 5

Respectfully Submitted,

Anthony Bolanos

Anthony Bolanos, MPA, CHMM
Asbestos Division Manager
Micro Air, Inc.

Enclosures

micro air inc.

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Indoor Air Quality
Catastrophe Services
Microbiology
Asbestos Surveys
Air Monitoring
Industrial Hygiene
Epidemiology
Radon Testing
Water Testing
Lead Testing

February 13, 2006

ERM, Inc.
Pat Sorensen
11350 N. Meridian Street
Carmel, IN 46032

RE: Polarized Light Microscopy (PLM) Bulk Sample Results

Project Name: Johnson Controls, Goshen, IN
Project Number: 20-8423-D

Location: Administrative Offices
Date Received: January 30, 2006

Dear Ms. Sorensen:

Enclosed is(are) the result(s) of the analysis performed on the sample(s) received by Micro Air, Inc.

Method of Analysis:

Polarized Light Microscopy with Dispersion Staining, EPA 600/M4-82-020. All samples may be heated to release fibrous material. Percentages are based on visual estimation of quantities present. This report should not be used to imply product or service endorsement by NVLAP or any agency of the U.S. Government. This report relates only to items tested and may not be reproduced except in full, without the written approval of the laboratory.

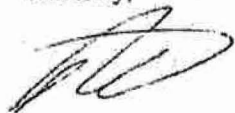
Disclaimers:

PLM analysis has been known to miss asbestos in a small percentage of samples which contain asbestos. Therefore, negative PLM results cannot be guaranteed. Floor tiles and surface wipes should be tested with TEM. AHERA and NESHAP policies state that distinct layers be analyzed and reported separately. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Multi-layered samples with ACM >1% in any layer are considered ACM when analysis of a composite sample is requested.

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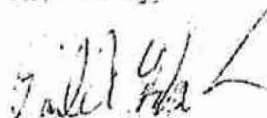
If you have any questions concerning this report please do not hesitate to contact us.

Sincerely,



Aron Liaw
Laboratory Technician

Reviewed By,



Daniel A. Flack
Technical Manager



micro air, inc.

6320 La Pas Trail
Indianapolis, IN 46268
Telephone: (317) 293-1533
Fax: (317) 290-3566
e-mail: microair@microair.com
Website: www.microair.com

Client: ERM, Inc.
Project Number: 20-8423-D
Project Name: Johnson Controls, Goshen, IN
Report Date: 2/13/2006
Lab Number: 30070
Date Received: 1/30/2006

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
001	1A	1/26/2006	1/31/2006	Acoustical Plaster - Ground Floor - Room 66	-	W-T	NO	Cellulose <1% Fibrous Glass <1% Binder 100%
002	1B	1/26/2006	1/31/2006	Acoustical Plaster - Ground Floor - Room 70	-	W-T	NO	Cellulose <1% Fibrous Glass <1% Binder 100%
003	1C	1/26/2006	1/31/2006	Acoustical Plaster - Ground Floor - Room 72	-	W-T	NO	Cellulose <1% Fibrous Glass <1% Binder 100%
004	1D	1/26/2006	1/31/2006	Acoustical Plaster - Second Floor - Corridor at Room 80	-	W-T	NO	Cellulose <1% Fibrous Glass <1% Binder 100%
005	1E	1/26/2006	1/31/2006	Acoustical Plaster - Second Floor - Alcove at W Restroom	-	W-T	NO	Cellulose <1% Fibrous Glass <1% Binder 100%

Report Date: 2/13/2006
 Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
006	2A	1/26/2006	1/31/2006	Brown Cove Base Molding - Second Floor - Walkway to Plant Floor	-	BR	YES	Binder 100%
007	2B	1/26/2006	1/31/2006	Adhesive on Brown Cove Base Molding - Second Floor - Walkway to Plant Floor	-	W-BR	NO	Cellulose <1% Binder 100%
008	3A	1/26/2006	1/31/2006	12" x 12" Smooth Pattern Acoustical Tile - Third Floor - Conference Room	-	BR	YES	Cellulose 100% Binder <1%
009	3B	1/26/2006	1/31/2006	12" x 12" Smooth Pattern Acoustical Tile - Third Floor - Conference Room	-	BR	YES	Cellulose 100% Binder <1%
010	4A	1/26/2006	1/31/2006	Vibration Joint Cloth - Third Floor - AH Room	-	BL	YES	Cellulose 100% Binder <1%
011	5A	1/26/2006	1/31/2006	Carpet Mastic - Third Floor - Conference Room	-	T	YES	Cellulose 2% Synthetics/Fiber <1% Binder 98%

Report Date: 2/13/2006
 Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
012	5B	1/26/2006	1/31/2006	Carpet Mastic - Second Floor - Room 81	-	T	YES	Cellulose 2% Synthetics/Hair <1% Binder 98%
013	6A	1/26/2006	1/31/2006	9" x 9" Grey w/- Black Spot Floor Tile - Third Floor - Stairwell	+	BR	YES	Chrysotile 5% Cellulose <1% Binder 95%
014	6B	1/26/2006	1/31/2006	Adhesive on 9" x 9" Grey w/- Black Spot Floor Tile - Third Floor - Stairwell	-	BR	YES	Cellulose 30% Synthetics/Hair 5% Binder 65%
015	7A	1/26/2006	1/31/2006	Hardwall Plaster - Third Floor - Conference Room	-	W	NO	Cellulose <1% Binder 100%
016	7B	1/26/2006	1/31/2006	Hardwall Plaster - Second Floor - Room 89	-	W-G	NO	Cellulose <1% Synthetics/Hair <1% Binder 100%
017	7C	1/26/2006	1/31/2006	Hardwall Plaster - Second Floor - W Restroom	-	W-G	NO	Cellulose <1% Synthetics/Hair <1% Binder 100%

Report Date: 2/13/2006
 Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
018	7D	1/26/2006	1/31/2006	Hardwall Plaster - Second Floor - Walkway to Plant Floor	-	W-G	NO	Cellulose <1% Synthetics/Hair <1% Binder 100%
019	7E	1/26/2006	1/31/2006	Hardwall Plaster - First Floor - Electrical Room	-	W-G	NO	Cellulose <1% Synthetics/Hair <1% Binder 100%
020	7F	1/26/2006	1/31/2006	Hardwall Plaster - First Floor - East Mens Room	-	W-G	NO	Cellulose <1% Synthetics/Hair <1% Binder 100%
021	8A	1/26/2006	2/1/2006	Acoustical Tile Adhesive - Third Floor - Conference Room	-	BR	YES	Cellulose <1% Binder 100%
022	9A	1/26/2006	2/1/2006	12" x 12" Large Pinhole Pattern Ceiling Tile - Second Floor - Room 89	-	W-BR	YES	Cellulose 100% Binder <1%
023	9B	1/26/2006	2/1/2006	12" x 12" Large Pinhole Pattern Ceiling Tile - Ground Floor - West Entrance	-	W-BR	YES	Cellulose 100% Binder <1%

Report Date: 2/13/2006
Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
024	10A	1/26/2006	2/1/2006	Asphalt Floor Tile - Second Floor - Room 81	+	B	YES	Chrysotile 10% Cellulose <1% Binder 90%
025	10B	1/26/2006		Asphalt Floor Tile - Second Floor - Room 80	N/A	N/A	N/A	NOT ANALYZED
026	10C	1/26/2006	2/1/2006	Adhesive on Asphalt Floor Tile - Second Floor - Room 81	-	W	YES	Cellulose 2% Fibrous Glass <1% Synthetics/Hair 2% Binder 96%
027	10D	1/26/2006	2/1/2006	Adhesive on Asphalt Floor Tile - Second Floor - Room 80	-	W	YES	Cellulose 2% Fibrous Glass <1% Synthetics/Hair 2% Binder 96%
028	11A	1/26/2006	2/1/2006	12" x 12" Fissured Pattern Acoustical Tile - Second Floor - Room 81	-	W	YES	Cellulose <1% Fibrous Glass 100% Binder <1%
029	11B	1/6/2006	2/1/2006	12" x 12" Fissured Pattern Acoustical Tile - Second Floor - West Corridor	-	W	YES	Cellulose <1% Fibrous Glass 100% Binder <1%

Report Date: 2/13/2006
 Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
030	12A	1/26/2006	2/1/2006	Tan Cove Base Molding - Second Floor - Mens Room	-	W	YES	Binder 100%
031	12B	1/26/2006	2/1/2006	Adhesive on Tan Cove Base Molding - Second Floor - Mens Room	-	BR	YES	Cellulose <1% Fibrous Glass <1% Binder 100%
032	13A	1/26/2006	2/1/2006	12" x 12" Tan w/- Green Speck Floor Tile - Second Floor - Mens Room	-	W	YES	Cellulose <1% Binder 100%
033	13B	1/26/2006	2/1/2006	Adhesive on 12" x 12" Tan w/- Green Speck Floor Tile - Second Floor - Mens Room	+	B	YES	Chrysotile 15% Cellulose <1% Binder 85%
034	14A	1/26/2006	2/1/2006	12" x 12" White w/- Tan Streak Floor Tile - Second Floor - Womens Room	-	W	YES	Cellulose <1% Binder 100%
035	14B	1/26/2006	2/1/2006	Adhesive on 12" x 12" White w/- Tan Streak Floor Tile - Second Floor - Womens Room	+	B	YES	Chrysotile 15% Cellulose <1% Binder 85%

Report Date: 2/13/2006
 Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
036	15A	1/26/2006	2/1/2006	White Cove Base Molding - Second Floor - Womens Room	-	W	YES	Binder 100%
037	15B	1/26/2006	2/1/2006	Adhesive on White Cove Base Molding - Second Floor - Womens Room	-	BR	YES	Cellulose <1% Fibrous Glass <1% Binder 100%
038	16A	1/26/2006	2/1/2006	Drywall & Associated Joint Compound - Second Floor - Room 81	-	W-T	NO	Cellulose 20% Fibrous Glass 50% Binder 30%
039	16B	1/26/2006	2/1/2006	Drywall & Associated Joint Compound - Ground Floor - Stairwell to Basement	-	W-BR	NO	Cellulose 15% Fibrous Glass <1% Binder 85%
040	17A	1/26/2006	2/1/2006	12" x 12" Deep Fissure Pattern Ceiling Tile - Second Floor - Room 80	-	W	YES	Cellulose <1% Fibrous Glass 100% Binder <1%
041	17B	1/26/2006	2/1/2006	12" x 12" Deep Fissure Pattern Ceiling Tile - Ground Floor - Room 66	-	W	YES	Cellulose <1% Fibrous Glass 100% Binder <1%

Report Date: 2/13/2006
Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
042	18A	1/26/2006	2/1/2006	4" x 4" Blue & Tan Check Floor Tile - Second Floor - Restroom at Room 80	+	W-BL	YES	Chrysotile 10% Cellulose <1% Binder 90%
043	18B	1/26/2006	2/1/2006	Adhesive on 4" x 4" Blue & Tan Check Floor Tile - Second Floor - Restroom at Room 80	-	B	YES	Cellulose <1% Binder 100%
044	19A	1/26/2006	2/1/2006	Acoustical Tile Adhesive - Second Floor - Room 89	-	BR	YES	Cellulose <1% Fibrous Glass 10% Binder 90%
045	20A	1/26/2006	2/1/2006	Roof Drain Pipe Insulation - Second Floor - Room 81	+	W-BR	NO	Chrysotile 40% Cellulose 30% Binder 30%
046	21A	1/26/2006	2/1/2006	Roof Drain Pipe Fittings - Second Floor - Room 81	+	W-T	NO	Chrysotile 35% Cellulose 30% Synthetics/Hair 5% Binder 30%
047	22A	1/26/2006	2/1/2006	Low-Pressure Steam Air Cell Pipe - Lower Level - AH Room	+	W-BR	NO	Chrysotile 40% Cellulose 30% Binder 30%

Report Date: 2/13/2006
 Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
048	23A	1/26/2006	2/1/2006	Low-Pressure Steam Pipe Fittings - Lower Level - AH Room	+	W	YES	Chrysotile 40% Cellulose 40% Binder 20%
049	24A	1/26/2006	2/1/2006	Domestic Water Paper Pipe - Lower Level - AH Room	+	BR	NO	Chrysotile 10% Cellulose 85% Binder 5%
050	25A	1/26/2006	2/1/2006	Domestic Water Pipe Fittings - Lower Level - AH Room	+	G	YES	Chrysotile 60% Cellulose 20% Binder 20%
051	26A	1/26/2006	2/1/2006	Window Caulk - Exterior - Third Floor	-	T	YES	Cellulose <1% Other Fibers <1% Binder 100%
052	26B	1/26/2006	2/1/2006	Window Caulk - Exterior - Ground Floor	-	T	YES	Cellulose <1% Other Fibers <1% Binder 100%
053	27A	1/26/2006	2/1/2006	2' x 4' Fissure & Pinhole Pattern Ceiling Tile - Room 252	-	W-BR	YES	Cellulose 45% Fibrous Glass 45% Binder 10%

Report Date: 2/13/2006
 Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color ^a	Homogeneous	Sample Composition
054	28A	1/26/2006	2/1/2006	12" x 12" Grey w/- White Spot Floor Tile - Room 66	-	W	YES	Cellulose <1% Binder 100%
055	28B	1/26/2006	2/1/2006	12" x 12" Grey w/- White Spot Floor Tile - Room 66	-	W	YES	Cellulose <1% Binder 100%
056	28C	1/26/2006	2/1/2006	Adhesive on 12" x 12" Grey w/- White Spot Floor Tile - Room 66	-	BR	YES	Cellulose 2% Synthetics/Hair <1% Binder 98%
057	28D	1/26/2006	2/1/2006	Adhesive on 12" x 12" Grey w/- White Spot Floor Tile - Room 66	-	BR	YES	Cellulose 2% Synthetics/Hair <1% Binder 98%
058	29A	1/26/2006	2/1/2006	Brown Mosaic Sheet Flooring - Ground Floor - W Entrance	+	W-T	NO	Chrysotile 5% Cellulose 40% Binder 55%
059	29B	1/26/2006	2/1/2006	Adhesive on Brown Mosaic Sheet Flooring - Ground Floor - W Entrance	-	T	YES	Cellulose <1% Binder 100%

Report Date: 2/13/2006
 Lab Number: 30070

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
060	30A	1/26/2006	2/1/2006	12" x 12" Mocha Pattern Floor Tile - Ground Floor - W Entrance	-	BR	YES	Cellulose <1% Binder 100%
061	30B	1/26/2006	2/1/2006	Adhesive on 12" x 12" Mocha Pattern Floor Tile - Ground Floor - W Entrance	-	BR	YES	Cellulose 2% Fibrous Glass <1% Synthetics/Hair 2% Binder 96%
062	31A	1/26/2006	2/1/2006	9" x 9" Dark Red Floor Tile - Ground Floor - W Janitor's Closet	+	R	YES	Chrysotile 10% Cellulose <1% Binder 90%
063	31B	1/26/2006	2/1/2006	Adhesive on 9" x 9" Dark Red Floor Tile - Ground Floor - W Janitor's Closet	TRACE	B	YES	Chrysotile <1% Cellulose <1% Binder 100%
064	32A	1/26/2006	2/1/2006	12" x 12" Pinhole Pattern Ceiling Tile - Ground Floor - Office South of Room 252	-	W-BR	YES	Cellulose 100% Binder <1%
065	33A	1/26/2006	2/1/2006	Cabinet Insulation - Lower Level - Storage Room	-	W	YES	Cellulose <1% Fibrous Glass <1% Binder 100%

Report Date: 2/13/2006
Lab Number: 30070

Project Name:

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Administrative Offices

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
066	34A	1/26/2006	2/1/2006	Asphalt Roof Field - Roof - East End	-	B-Y	NO	Cellulose 50% Fibrous Glass 20% Binder 30%
067	34B	1/26/2006	2/1/2006	Asphalt Roof Field - Roof - West End	-	B-Y	NO	Cellulose 50% Fibrous Glass 20% Binder 30%
068	35A	1/26/2006	2/1/2006	Roof Flashing - Roof - East End	-	W-BR	NO	Cellulose 15% Fibrous Glass <1% Binder 85%
069	35B	1/26/2006	2/1/2006	Roof Flashing - Roof - West End	-	B-Y	NO	Cellulose 50% Fibrous Glass 30% Binder 20%
070	36A	1/26/2006	2/1/2006	Roof Cement at Conduit - Roof - West End	+	B	YES	Chrysotile 15% Cellulose <1% Binder 85%

A concentration of greater than one (1) percent of any type of asbestos means a sample meets the EPA definition of an asbestos-containing material.

*Note: B-Black, BL-Blue, BR-Brown, GL-Gold, G-Gray, O-Orange, P-Pink, PR-Purple, R-Red, S-Silver, T-Tan, W-White, Y-Yellow

Sample(s) received in good condition.

Analyst: Aron Liaw

Analytical Method: Polarized Light Microscopy with Dispersion Staining, EPA 600/M4-82-020

micro air inc.6320 LA PAS TRAIL, INDIANAPOLIS, INDIANA 46268
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30070

DAILY BULK SAMPLE LOGTECHNICIAN TONY BOLANOS DATE 1/26/06 JOB # 20-8423-DLOCATION JOHNSON CONTROLS - GOSHEN, INDIANA PAGE 1 OF 4

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER	SAMPLE DESCRIPTION
A-1A	ADMINISTRATIVE OFFICES - GROUND FLOOR - RM 66		66	ACOUSTICAL PLASTER (-)
1B				
1C				
1D	SECOND FLOOR - CORRIDOR AT 11M 000			
1E				
2A	THIRD FLOOR - CONFERENCE RM			BROWN COVE BASE (-)
2B	SECOND FLOOR - WALKWAY TO COURT FLOOR			MOLDING AND ADHESIVE (-)
3A	THIRD FLOOR - CONFERENCE RM			12"x12" SMOOTH PATTERN ACOUSTICAL TILE (-)
3B				
4A	THIRD FLOOR - A-H ROOM			VIBRATION JOINT CLOTH (-)
5A	THIRD FLOOR - CONFERENCE ROOM			CARPET MASTIC (-)
5B	SECOND FLOOR - RM 81			
6A	THIRD FLOOR - STAIRWELL			9"x9" GRESI WITH BLACK SPOT FLOOR TILE AND ADHESIVE (-)
6B				
7A	THIRD FLOOR - STAIRWELL			HARD WALL PLASTER (-)
7B	SECOND FLOOR - ROOM 89			
7C				
7D	FIRST FLOOR - WALKWAY TO COURT FLOOR			
7E	FIRST FLOOR - ELECTRICAL ROOM			
7F				
8A	THIRD FLOOR - CONFERENCE RM			ACOUSTICAL TILE ADHESIVE (-)

White - Office

Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

Tony Bolanos 1/26/06
NAME DATE

CUSTODY TRANSFERRED TO:

NAME DATE

RECEIVED IN LABORATORY BY:

[Signature] 1/30
NAME DATE

6920 LA PAS TRAIL, INDIANAPOLIS, INDIANA 46268
TELEPHONE: (317) 293-1533 FAX: (317) 290-3566

30070

TECHNICIAN TONY BOLANOS DATE 11/27/06 JOB # 20-8423-P
LOCATION JOHNSON CONTROLS - GOSHEN INDIANA PAGE 2 OF 4

CHAIN OF CUSTODY CHRONICLE:

RECEIVED IN LABORATORY BY:

DATE _____

micro air inc.6320 LA PAS TRAIL, INDIANAPOLIS, INDIANA 46268
TELEPHONE: (317) 293-1533 FAX: (317) 290-3566E-MAIL: microair@microair.com
WEB SITE: http://www.microair.com

30070

DAILY BULK SAMPLE LOGTECHNICIAN TONY BOLANOS DATE 1/27/06 JOB # 20-8423-DLOCATION JOHNSON CONTROLS - GOSHEN, INDIANA PAGE 3 OF 4

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER	SAMPLE DESCRIPTION
✓ A-19A	ADMINISTRATIVE OFFICES - SECOND FLOOR - RM 89			ACOUSTICAL TILE ADHESIVE (-)
✓ 045 A-20A	- SECOND FLOOR - RM 81			ROOF DRAIN PIPE INSULATION (140)
✓ 046 A-21A				ROOF DRAIN PIPE FITTINGS (135)
✓ 047 A-22A	GROUND LOWER LEVEL - AH ROOM			LOW - PRESSURE STEAM AIR CELL PIPE (140)
✓ 048 A-23A	LOWER LEVEL - AH ROOM			LOW PRESSURE STEAM PIPE FITTINGS (140)
✓ 049 A-24A	LOWER LEVEL - AH ROOM			DOMESTIC WATER PAPER PIPE (110)
✓ 050 A-25A	LOWER LEVEL - AH ROOM			DOMESTIC WATER PIPE FITTINGS (110)
✓ 051 A-26A	EXTERNAL - THIRD FLOOR			WINDOW CAULK (-)
✓ 052 26B	↓ GROUND LEVEL			↓
✓ 053 A-27A	- ROOM 252			2'x4' FISSURE AND PINHOLE PATTERN CEILING
✓ 054 A-28A	- ROOM 66			12" x 12" GLEN WHITE WHITE SPOT FLOOR TILE
✓ 055 28B				ADHESIVE ON
✓ 056 28C				
✓ 057 28D				ABOVE (-)

White - Office

Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

NAME

DATE

NAME

DATE

NAME

DATE

GBC000056



30070

DAILY BULK SAMPLE LOG

TECHNICIAN TONY BOLANOS DATE 1/27/06 JOB # 20-8423-D
LOCATION JOHNSON CONTROLS-GOSHEN, INDIANA PAGE 4 OF 4

[illegible]

Yellow - Laboratory

RECEIVED IN LABORATORY BY:

DATE _____

micro air inc.

6920 LA PAS TRAIL, INDIANAPOLIS, INDIANA 46260
TELEPHONE: (317) 293-1533 FAX: (317) 290-3566

E-MAIL: microair@microair.com
WEB SITE: <http://www.microair.com>

Indoor Air Quality
Catastrophe Services
Microbiology
Asbestos Surveys
Air Monitoring
Industrial Hygiene
Epidemiology
Radon Testing
Water Testing
Lead Testing

February 17, 2006

ERM, Inc.
Pat Sorensen
11350 N. Meridian Street
Carmel, IN 46032

RE: Polarized Light Microscopy (PLM) Bulk Sample Results

Project Name: Johnson Controls, Goshen, IN
Project Number: 20-8423-D

Location: Main Plant Building
Date Received: February 1, 2006

Dear Ms. Sorensen:

Enclosed is(are) the result(s) of the analysis performed on the sample(s) received by Micro Air, Inc.

Method of Analysis:

Polarized Light Microscopy with Dispersion Staining, EPA 600/M4-82-020. All samples may be heated to release fibrous material. Percentages are based on visual estimation of quantities present. This report should not be used to imply product or service endorsement by NVLAP or any agency of the U.S. Government. This report relates only to items tested and may not be reproduced except in full, without the written approval of the laboratory.

Disclaimers:

PLM analysis has been known to miss asbestos in a small percentage of samples which contain asbestos. Therefore, negative PLM results cannot be guaranteed. Floor tiles and surface wipes should be tested with TEM. AHERA and NESHAP policies state that distinct layers be analyzed and reported separately. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Multi-layered samples with ACM >1% in any layer are considered ACM when analysis of a composite sample is requested.


This report may not be reproduced, except in full, without written approval from Micro Air, Inc.

If you have any questions concerning this report please do not hesitate to contact us.

Sincerely,


Daniel A. Flack
Laboratory Technician

Reviewed By,


Daniel A. Flack
Technical Manager

AJIA Laboratory ID No. 100951 * NVLAP Accreditation No. 101221-0 * ISDH Certificate No. M-49-5

Page 1 of 24

GBC000058



micro air, inc.

6320 La Pas Trail
Indianapolis, IN 46268
Telephone: (317) 293-1533
Fax: (317) 290-3566
e-mail: microair@microair.com
Website: www.microair.com

Client: ERM, Inc.
Project Number: 20-8423-D
Project Name: Johnson Controls, Goshen, IN
Report Date: 2/17/2006
Lab Number: 30094
Date Received: 2/1/2006

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
001	MP-1A	1/26/2006	2/2/2006	12"x12" White With Black Streaks Floor Tile; Computer Training between A4 & B6	-	W	YES	Cellulose <1% Binder 100%
002	MP-1B	1/26/2006	2/2/2006	12"x12" White With Black Streaks Floor Tile Mastic; Computer Training between A4 & B6	+	B	YES	Chrysotile 8% Cellulose 3% Binder 89%
003	MP-2A	1/26/2006	2/2/2006	12"x12" Brown With Dark Brown & Tan Streaks Floor Tile; Room @ Column C11	-	BR	YES	Cellulose 3% Binder 97%
004	MP-2B	1/26/2006	2/2/2006	12"x12" Brown With Dark Brown & Tan Streaks Floor Tile Mastic; Room @ Column C11	-	Y	YES	Cellulose 3% Binder 97%
005	MP-3A	1/26/2006	2/2/2006	12"x12" Cream With Brown & Grey Streaks Floor Tile; 2nd Floor @ Column B9	TRACE	W	YES	Chrysotile <1% Binder 100%

Report Date: 2/17/2006
Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
006	MP-3B	1/26/2006	2/2/2006	12"x12" Cream With Brown & Grey Streaks Floor Tile Mastic; 2nd Floor @ Column B9	+	B	YES	Chrysotile 7% Cellulose 3% Binder 90%
007	MP-4A	1/26/2006	2/2/2006	12"x12" Tan With Red & White Streaks Floor Tile; Room East of Column B12	-	T	YES	Cellulose <1% Binder 100%
008	MP-4B	1/26/2006	2/2/2006	12"x12" Tan With Red & White Streaks Floor Tile Mastic; Room East of Column B12	-	BR	YES	Cellulose 7% Binder 93%
009	MP-5A	1/26/2006	2/2/2006	12"x12" Grey With Black Streaks Floor Tile; Men's Restroom #8 @ Column G21	+	G	YES	Chrysotile 7% Cellulose <1% Binder 93%
010	MP-5B	1/26/2006	2/2/2006	12"x12" Grey With Black Streaks Floor Tile Mastic; Men's Restroom #8 @ Column G21	-	BR	YES	Cellulose 15% Fibrous Glass 5% Synthetics/Hair 5% Binder 75%
011	MP-6A	1/26/2006	2/2/2006	12"x12" Orange With Black Streaks Floor Tile; Men's Restroom #8 @ Column G21	-	O	YES	Cellulose 2% Binder 98%

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
012	MP-6B	1/26/2006	2/2/2006	12"x12" Orange With Black Streaks Floor Tile Mastic; Men's Restroom #8 @ Column G21	-	BR	YES	Cellulose <1% Synthetics/Hair 3% Binder 97%
013	MP-7A	1/26/2006	2/2/2006	12"x12" Aqua With White Streaks Floor Tile; Women's Restroom #7 @ Column F21	-	BL	YES	Cellulose <1% Binder 100%
014	MP-7B	1/26/2006	2/2/2006	12"x12" Aqua With White Streaks Floor Tile Mastic; Women's Restroom #7 @ Column F21	-	BR	YES	Cellulose 2% Binder 98%
015	MP-8A	1/26/2006	2/2/2006	12"x12" Beige With Black Specks Floor Tile; Office @ Column H6	-	T	YES	Cellulose <1% Binder 100%
016	MP-8B	1/26/2006	2/2/2006	12"x12" Beige With Black Specks Floor Tile Mastic; Office @ Column H6	-	BR	YES	Cellulose <1% Binder 100%
017	MP-9A	1/26/2006	2/2/2006	12"x12" Grey With Black & White Specks Floor Tile; Office @ Column M15	-	G	YES	Cellulose 2% Binder 98%

Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	* Sample Composition
018	MP-9B	1/26/2006	2/2/2006	12"x12" Grey With Black & White Specks Floor Tile Mastic; Office @ Column M15	-	BR	YES	Cellulose <1% Synthetics/Hair <1% Binder 100%
019	MP-10A	1/26/2006	2/2/2006	12"x12" Dark Gray With Black, White, Brown Specks Floor Tile; 2nd Fl. Office @ Column I6	-	G	YES	Cellulose <1% Binder 100%
020	MP-10B	1/26/2006	2/2/2006	12"x12" Dark Gray With Black, White, Brown Specks Floor Tile Mastic; 2nd Fl. Office @ Column I6	-	BR	YES	Cellulose 12% Synthetics/Hair <1% Binder 88%
021	MP-11A	1/26/2006	2/2/2006	12"x12" Grey, White & Brown Swirls Floor Tile; Office West of Column R23	-	W	YES	Cellulose <1% Binder 100%
022	MP-11B	1/26/2006	2/2/2006	12"x12" Grey, White & Brown Swirls Floor Tile Mastic; Office West of Column R23	-	BR	YES	Cellulose <1% Binder 100%
023	MP-12A	1/26/2006	2/3/2006	9"x9" Brown With White & Red Streaks Floor Tile; 2nd Fl. - Office by Column E9	+	BR	YES	Chrysotile 8% Binder 92%

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
024	MP-12B	1/26/2006	2/3/2006	9"x9" Brown With White & Red Streaks Floor Tile Mastic; 2nd Fl. - Office by Column E9	-	B	YES	Cellulose 3% Binder 97%
025	MP-13A	1/26/2006	2/3/2006	9"x9" Red With White Streaks Floor Tile; 2nd Fl. - Office by Column E9	+	R	YES	Chrysotile 10% Binder 90%
026	MP-13B	1/26/2006	2/3/2006	9"x9" Red With White Streaks Floor Tile Mastic; 2nd Fl. - Office by Column E9	-	B	NO	Cellulose 2% Synthetics/Hair <1% Binder 98%
027	MP-14A	1/26/2006	2/3/2006	9"x9" Tan With White & Brown Streaks Floor Tile; Room East of Column H7	-	BR	YES	Cellulose 5% Binder 95%
028	MP-14B	1/26/2006	2/3/2006	9"x9" Tan With White & Brown Streaks Floor Tile; Room East of Column H7	-	BR	YES	Cellulose 5% Synthetics/Hair 2% Binder 93%
029	MP-15A	1/26/2006	2/6/2006	Brown Covebase; Room North of Column C13	-	BR	YES	Cellulose <1% Binder 100%

Report Date: 2/1/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color [™]	Homogeneous	Sample Composition
030	MP-15B	1/26/2006	2/6/2006	Brown Covebase Mastic; Room North of Column C13	-	BR	YES	Cellulose 2% Binder 98%
031	MP-16A	1/26/2006	2/6/2006	White Covebase; 2nd Floor Office @ Column A6	-	W	YES	Cellulose <1% Binder 100%
032	MP-16B	1/26/2006	2/6/2006	White Covebase; 2nd Floor Office @ Column A6	-	BR	YES	Cellulose 2% Binder 98%
033	MP-17A	1/26/2006	2/6/2006	Black Covebase; 2nd Fl. - Men's Restroom by Column B13	-	B	YES	Cellulose <1% Binder 100%
034	MP-17B	1/26/2006	2/6/2006	Black Covebase Mastic; 2nd Fl. - Men's Restroom by Column B13	-	BR	YES	Cellulose 12% Binder 88%
035	MP-18A	1/26/2006	2/6/2006	6" Brown Covebase; 2nd Fl. - Former Advertising @ Column D12	-	BR	YES	Cellulose <1% Binder 100%

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
036	MP-18B	1/26/2006	2/6/2006	6" Brown Covebase Mastic; 2nd FL - Former Advertising @ Column D12	-	BR	YES	Cellulose <1% Binder 100%
037	MP-19A	1/26/2006	2/6/2006	6" Black Covebase; 2nd FL - Former Advertising @ Column D6	-	B	YES	Binder 100%
038	MP-19B	1/26/2006	2/6/2006	6" Black Covebase Mastic; 2nd FL - Former Advertising @ Column D6	-	BR	YES	Cellulose 7% Binder 93%
039	MP-20A	1/26/2006	2/6/2006	Beige Covebase; Room West of Column I6	-	T	YES	Binder 100%
040	MP-20B	1/26/2006	2/6/2006	Beige Covebase Mastic; Room West of Column I6	-	BR	YES	Cellulose 7% Binder 93%
041	MP-21A	1/26/2006	2/6/2006	Grey Covebase; Office @ Column M15	-	G	YES	Cellulose <1% Binder 100%

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
042	MP-21B	1/26/2006	2/6/2006	Gray Covebase Mastic; Office @ Column M15	-	BR	YES	Cellulose 2% Binder 98%
043	MP-22A	1/26/2006	2/8/2006	2'x4' Short Fissure With Pinhole Ceiling Tile; Men's Restroom @ Column H8	-	W-T	NO	Cellulose 50% Fibrous Glass 45% Binder 5%
044	MP-23A	1/26/2006	2/8/2006	Acoustical Ceiling Tile Pinhole (Spline); 2nd Floor By Column F1, Advertising	-	W-BR	NO	Cellulose 95% Binder 5%
045	MP-24A	1/26/2006	2/8/2006	Ceiling Texture; Room North of H8 Men's Restroom	-	W	YES	Cellulose <1% Binder 100%
046	MP-25A	1/26/2006	2/8/2006	Hardwall Plaster; 2nd Fl. Office By Column E9	-	W	YES	Cellulose <1% Binder 100%
047	MP-25B	1/26/2006	2/8/2006	Hardwall Plaster; 2nd Fl. Office By Column E8	-	W	YES	Cellulose <1% Binder 100%

Lab Number:

30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
048	MP-25C	1/26/2006	2/8/2006	Hardwall Plaster; 2nd Fl. Office By Column E7	-	W	YES	Cellulose <1% Binder 100%
049	MP-26A	1/26/2006	2/8/2006	Cream & Grey Pebble Pattern Sheet Vinyl Flooring; 2nd Fl. Hallway By Column F10	+	W-T	NO	Chrysotile 25% Cellulose 30% Binder 45%
050	MP-26B	1/26/2006	2/8/2006	Cream & Grey Pebble Pattern Sheet Vinyl Flooring Adhesive; 2nd Fl. Hallway By Column F10	+	B	YES	Chrysotile 10% Cellulose 5% Binder 85%
051	MP-27A	1/26/2006	2/8/2006	6" Black & White Streaks Covebase; 2nd Fl. Room by Column E8	+	B	YES	Chrysotile 12% Cellulose <1% Binder 88%
052	MP-27B	1/26/2006	2/8/2006	6" Black & White Streaks Covebase Mastic; 2nd Fl. Room by Column E8	+	B	YES	Chrysotile 3% Cellulose <1% Binder 97%
053	MP-28A	1/26/2006	2/8/2006	Cement Board; 2nd Fl. Penthouse By Column G4	+	BR	YES	Chrysotile 25% Binder 75%

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color ^{ab}	Homogeneous	Sample Composition
054	MP-28B	1/26/2006	2/8/2006	Cement Board; Attic Entrance NE of Column R21W	+	T	YES	Chrysotile 30% Cellulose 25% Binder 45%
055	MP-29A	1/26/2006	2/8/2006	Carpet Mastic; 2nd Fl. By Column E83	-	Y	YES	Synthetics/Hair 10% Binder 90%
056	MP-30A	1/26/2006	2/8/2006	Window Caulk; 2nd Fl. By Column F6	-	GR	YES	Cellulose <1% Binder 100%
057	MP-30B	1/26/2006	2/8/2006	Window Caulk; 2nd Fl. By Column G21	-	GR	YES	Synthetics/Hair <1% Binder 100%
058	MP-31A	1/26/2006	2/8/2006	Window Glaze; 2nd Fl. By Column F12	-	BR	YES	Binder 100%
059	MP-32A	1/26/2006	2/8/2006	Vibration Joint Cloth; Attic By Column R23W	-	BR	YES	Cellulose 90% Binder 10%

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
060	MP-33A	1/26/2006	2/8/2006	Tar Tape Pipe Wrap; NE of Column R21W	-	B	YES	Cellulose <1% Synthetics/Hair 15% Binder 85%
061	MP-33B	1/26/2006	2/8/2006	Tar Tape Pipe Wrap; Heat Treat Oven 2	-	B	YES	Synthetics/Hair 5% Binder 95%
062	MP-33C	1/26/2006	2/8/2006	Tar Tape Pipe Wrap; Near Boiler Room By Column J13	-	B	YES	Cellulose 7% Synthetics/Hair 5% Binder 88%
063	MP-34A	1/26/2006	2/8/2006	Oven Door Insulation; Heat Treat Oven	-	BR	YES	Cellulose 70% Fibrous Glass 28% Binder 2%
064	MP-35A	1/26/2006	2/8/2006	Duct Tar Insulation; Heat Treat Oven 2 Duct	-	R-B	NO	Cellulose <1% Fibrous Glass 5% Binder 95%
065	MP-36A	1/26/2006	2/8/2006	Spray-On Fireproofing; East Duct @ Column PQ15	-	Y-T	NO	Cellulose 10% Fibrous Glass 45% Binder 45%

Report Date: 2/17/2006
Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
066	MP-36B	1/26/2006	2/8/2006	Spray-On Fireproofing; West Duct @ Column PQ15	-	Y-T	NO	Cellulose 5% Fibrous Glass 40% Binder 55%
067	MP-36C	1/26/2006	2/9/2006	Spray-On Fireproofing; Wall East of Column P16	-	T-Y	NO	Cellulose 35% Fibrous Glass 35% Binder 30%
068	MP-37A	1/26/2006	2/9/2006	Laptop; Lab SW of Column G25	-	B	NO	Binder 100%
069	MP-38A	1/26/2006	2/9/2006	Gold Covebase; 1st Aid Office	-	GOLD	YES	Binder 100%
070	MP-38B	1/26/2006	2/9/2006	Gold Covebase Mastic; 1st Aid Office	-	BR	YES	Cellulose 7% Binder 93%
071	MP-39A	1/26/2006	2/9/2006	Boiler Door Insulation; Boiler Room - East Boiler, South End	-	T	YES	Fibrous Glass <1% Binder 100%

Report Date: 2/11/2009
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
072	MP-40A	1/26/2006	2/9/2006	Inside Boiler Insulation; Boiler Room - East Boiler - South End	-	G	YES	Fibrous Glass <1% Binder 100%
073	MP-41A	1/26/2006	2/9/2006	Drywall & Associated Joint Compound; Office by Column M15	-	T-BR-W	NO	Cellulose 10% Fibrous Glass 2% Binder 88%
074	MP-41B	1/27/2006	2/9/2006	Drywall & Associated Joint Compound; Office by Column H6	-	T-BR-W	NO	Cellulose 12% Fibrous Glass 2% Binder 86%
075	MP-42A	1/27/2006	2/9/2006	Tape Wrap Fittings; Boiler Room - Soft Water	+	GR-BR	NO	Chrysotile 10% Cellulose 30% Binder 60%
076	MP-42B	1/27/2006		Tape Wrap Fittings; Boiler Room - Domestic Water	N/A	N/A	N/A	NOT ANALYZED
077	MP-42C	1/27/2006		Tape Wrap Fittings; Boiler Room - Steam	N/A	N/A	N/A	NOT ANALYZED

Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
078	MP-43A	1/27/2006	2/9/2006	Aircell Pipe Insulation - Steam; By Column E4	+	T-BR	NO	Chrysotile 55% Cellulose 40% Binder 5%
079	MP-43B	1/27/2006		Aircell Pipe Insulation - Steam; By Column F10	N/A	N/A	N/A	NOT ANALYZED
080	MP-43C	1/27/2006		Aircell Pipe Insulation - Steam; By Column H11	N/A	N/A	N/A	NOT ANALYZED
081	MP-44A	1/27/2006	2/9/2006	Thermal Cement Fittings on Aircell Steam; By Column E4	+	B-BR	NO	Chrysotile 45% Binder 55%
082	MP-44B	1/27/2006		Thermal Cement Fittings on Aircell Steam; By Column F10	N/A	N/A	N/A	NOT ANALYZED
083	MP-44C	1/27/2006		Thermal Cement Fittings on Aircell Steam; By Column H11	N/A	N/A	N/A	NOT ANALYZED

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
084	MP-45A	1/30/2006	2/9/2006	Wrapped Paper on Water Line; By Column E4	+	B-BR	NO	Chrysotile 10% Cellulose 85% Fibrous Glass <1% Binder 5%
085	MP-45B	1/30/2006		Wrapped Paper on Water Line; By Column F10	N/A	N/A	N/A	NOT ANALYZED
086	MP-45C	1/30/2006		Wrapped Paper on Water Line; By Column H11	N/A	N/A	N/A	NOT ANALYZED
087	MP-46A	1/30/2006	2/13/2006	Thermal Cement Fittings on Wrapped Paper Water Line; By Column E4	+	W	YES	Chrysotile 12% Cellulose <1% Binder 88%
088	MP-46B	1/30/2006		Thermal Cement Fittings on Wrapped Paper Water Line; By Column F10	N/A	N/A	N/A	NOT ANALYZED
089	MP-46C	1/30/2006		Thermal Cement Fittings on Wrapped Paper Water Line; By Column H11	N/A	N/A	N/A	NOT ANALYZED

Report Date: 2/11/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color [#]	Homogeneous	Sample Composition
090	MP-47A	1/30/2006	2/9/2006	Thermal Cement Fittings on Fiberglass Line - Steam; By Column L22	-	T-BR	NO	Cellulose <1% Fibrous Glass 30% Binder 70%
091	MP-47B	1/30/2006	2/9/2006	Thermal Cement Fittings on Fiberglass Line - Steam; By Column L22	+	W	YES	Chrysotile 20% Cellulose 2% Fibrous Glass 35% Binder 43%
092	MP-47C	1/30/2006		Thermal Cement Fittings on Fiberglass Line - Steam; By Column L22	N/A	N/A	N/A	NOT ANALYZED
093	MP-48A	1/30/2006	2/9/2006	Thermal Cement Fittings on Fiberglass Line - Domestic Water; By Column B7	+	T	YES	Chrysotile 12% Fibrous Glass 35% Binder 53%
094	MP-48B	1/30/2006		Thermal Cement Fittings on Fiberglass Line - Domestic Water; By Column B7	N/A	N/A	N/A	NOT ANALYZED
095	MP-48C	1/30/2006		Thermal Cement Fittings on Fiberglass Line - Domestic Water; By Column B4	N/A	N/A	N/A	NOT ANALYZED

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
096	MP-49A	1/30/2006	2/9/2006	Tan Felt Under Cement Board Siding; Penthouse By Column G4	-	B	NO	Cellulose 90% Binder 10%
097	MP-49B	1/30/2006	2/9/2006	Tan Felt Under Cement Board Siding; Penthouse By Column H4	-	B-BR	NO	Cellulose 75% Fibrous Glass <1% Synthetics/Hair 15% Binder 10%
098	MP-50A	1/30/2006	2/9/2006	12"x12" Red With White Streaks Floor Tile; Break Room G4	-	R	YES	Binder 100%
099	MP-50B	1/30/2006	2/9/2006	12"x12" Red With White Streaks Floor Tile Mastic; Break Room G4	-	T	YES	Cellulose <1% Binder 100%
100	MP-51A	1/30/2006	2/9/2006	12"x12" Gray with White Streaks Floor Tile; Break Room By Column G4	-	G	YES	Cellulose <1% Binder 100%
101	MP-51B	1/30/2006	2/9/2006	12"x12" Gray with White Streaks Floor Tile Mastic; Break Room By Column G4	-	BR	YES	Cellulose <1% Binder 100%

Report Date: 2/11/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
102	R1-1A	1/30/2006	2/9/2006	Roof Field - Original Roof - Center	-	B	YES	Cellulose <1% Fibrous Glass 40% Binder 60%
103	R1-1B	1/30/2006	2/9/2006	Roof Field - Original Roof - Center	-	B	YES	Cellulose <1% Fibrous Glass 40% Binder 60%
104	R1-2A	1/30/2006	2/9/2006	Flashing - Original Roof - Center	TRACE	B-G	NO	Chrysotile <1% Cellulose 5% Fibrous Glass <1% Binder 95%
105	R1-2B	1/30/2006	2/9/2006	Flashing - Original Roof - Center	TRACE	B-G	NO	Chrysotile <1% Cellulose 5% Fibrous Glass <1% Binder 95%
106	R2-3A	1/30/2006	2/9/2006	Roof Field - 1967 Addition	-	B	YES	Cellulose <1% Fibrous Glass 50% Binder 50%
107	R2-3B	1/30/2006	2/9/2006	Roof Field - 1967 Addition	-	B	YES	Cellulose <1% Fibrous Glass 50% Binder 50%

Report Date: 2/11/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
108	R2-4A	1/30/2006	2/9/2006	Flashing - 1967 Addition	-	B	YES	Cellulose <1% Fibrous Glass 2% Binder 98%
109	R2-4B	1/30/2006	2/9/2006	Flashing - 1967 Addition	-	B	YES	Cellulose <1% Fibrous Glass 2% Binder 98%
110	R3-5A	1/30/2006	2/9/2006	Roof Field Under Rubber - Northeast Corner Addition	-	B	YES	Cellulose <1% Fibrous Glass 30% Binder 70%
111	R3-5B	1/30/2006	2/9/2006	Roof Field Under Rubber - Northeast Corner Addition	-	B	YES	Cellulose <1% Fibrous Glass 30% Binder 70%
112	R3-6A	1/30/2006	2/9/2006	Flashing - Northeast Corner Addition	-	B	YES	Cellulose <1% Fibrous Glass <1% Binder 100%
113	R3-6B	1/30/2006	2/9/2006	Flashing - Northeast Corner Addition	-	B	YES	Cellulose <1% Fibrous Glass <1% Binder 100%

Report Date: 1/11/2007
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
114	R4-7A	1/30/2006	2/9/2006	Roof Field Under Rubber - East Addition	-	B	YES	Cellulose <1% Fibrous Glass 40% Binder 60%
115	R4-7B	1/30/2006	2/9/2006	Roof Field Under Rubber - East Addition	-	B	YES	Cellulose <1% Fibrous Glass 40% Binder 60%
116	R4-8A	1/30/2006	2/9/2006	Flashing - East Addition	+	B	YES	Chrysotile 20% Cellulose 30% Fibrous Glass <1% Binder 50%
117	R4-8B	1/30/2006		Flashing - East Addition	N/A	N/A	N/A	NOT ANALYZED
118	R5-9A	1/30/2006	2/9/2006	Styrofoam Sealant - South Addition - Elec.	-	W-Y	NO	Binder 100%
119	R5-9B	1/30/2006	2/9/2006	Styrofoam Sealant - South Addition - Elec.	-	W-Y	NO	Binder 100%

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
120	MR-10A	1/30/2006	2/9/2006	Flashing - Middle Roof - Silver	-	B	YES	Cellulose <1% Fibrous Glass <1% Synthetics/Hair 15% Binder 85%
121	MR-10B	1/30/2006	2/9/2006	Flashing - Middle Roof - Silver	-	B	YES	Cellulose <1% Fibrous Glass <1% Synthetics/Hair 15% Binder 85%
122	MR-11A	1/30/2006	2/9/2006	Roof Field - Middle Roof - Silver	-	B	YES	Cellulose <1% Fibrous Glass 35% Binder 65%
123	MR-11B	1/30/2006	2/9/2006	Roof Field - Middle Roof - Silver	-	B	YES	Cellulose <1% Fibrous Glass 35% Binder 65%
124	MP-12A	1/30/2006	2/9/2006	Flashing - Main Plant	+	B	YES	Chrysotile 15% Cellulose 5% Fibrous Glass <1% Binder 80%
125	MP-12B	1/30/2006		Flashing - Main Plant	N/A	N/A	N/A	NOT ANALYZED

Report Date: 2/17/2006
 Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
126	MP-13A	1/30/2006	2/9/2006	Roof Field - Main Plant	-	B	YES	Cellulose <1% Fibrous Glass 35% Binder 65%
127	MP-13B	1/30/2006	2/9/2006	Roof Field - Main Plant	-	B	YES	Cellulose <1% Fibrous Glass 35% Binder 65%
128	PH-14A	1/30/2006	2/9/2006	Flashing - Inside Penthouse Between Columns G-H	+	B	YES	Chrysotile 15% Cellulose 5% Fibrous Glass <1% Binder 80%
129	PH-14B	1/30/2006		Flashing - Inside Penthouse Between Columns G-H	N/A	N/A	N/A	NOT ANALYZED
130	R2-15A	1/30/2006	2/9/2006	Roof Patch - 1967 Addition Patch	-	B	NO	Cellulose 5% Fibrous Glass <1% Binder 95%
131	R2-15B	1/30/2006	2/9/2006	Roof Patch - 1967 Addition Patch	-	B	NO	Cellulose 5% Fibrous Glass <1% Binder 95%

Report Date: 2/11/2006
Lab Number: 30094

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Main Plant Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
132	PH-16A	1/30/2006	2/9/2006	Roof Field - Inside Penthouse Between Columns G-H	+	B	YES	Chrysotile 10% Cellulose 5% Fibrous Glass <1% Binder 85%
133	PH-16B	1/30/2006		Roof Field - Inside Penthouse Between Columns G-H	N/A	N/A	N/A	NOT ANALYZED
134	MP-52A	1/30/2006	2/9/2006	Black Stairtread; By Column H6	-	B	YES	Cellulose <1% Binder 100%
135	MP-52B	2/9/2006	2/9/2006	Black Stairtread Mastic; By Column H6	-	BR	YES	Cellulose <1% Binder 100%

A concentration of greater than one (1) percent of any type of asbestos means a sample meets the EPA definition of an asbestos-containing material

*Note: B-Black, BL-Blue, BR-Brown, GL-Gold, G-Gray, O-Orange, P-Pink, PR-Purple, R-Red, S-Silver, T-Tan, W-White, Y-Yellow

Sample(s) received in good condition.

Analyst: Aron Liaw & Daniel Flack

Analytical Method: Polarized Light Microscopy with Dispersion Staining, EPA 600/M4-82-020

micro air inc.

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DAILY BULK SAMPLE LOG

TECHNICIAN SHAWN P. FIDWERTY DATE 1-26-06 JOB # 20-8423-D

LOCATION JOHNSON CONDOMS. - Goshen, IN PAGE 1 OF 95

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER #A	SAMPLE DESCRIPTION	
21 ✓ MP-1A	COMPUTER TRAINING ROOM - A45	AC	1	12.12 FT WHITE w/BLACK STRIPES & MASTIC	(-)
22 ✓ 1B	V				(-)
23 ✓ MP-2A	ROOM E of COLUMN C11		2	12.12 FT BROWN w/DRIL. BLEN. & TAN STRIPES & MASTIC	(-)
24 ✓ 2B	"				(-)
25 ✓ MP-3A	2 ND FLR. - E of COLUMN B9	1700P	6	12.12 FT CROWN w/BROWN & GREY STRIPES & MASTIC	(-)
26 ✓ 3B	"				(-)
27 ✓ MP-4A	ROOM E of COLUMN B12		13	12.12 FT TAN w/RED & WHITE STRIPES & MASTIC	(-)
28 ✓ 4B	"				(-)
29 ✓ MP-5A	MENS RR #8 of COLUMN C21 75P		14	12.12 FT GREY w/BLACK STRIPES & MASTIC	(-)
30 ✓ 5B	2 ND FLR. "				(-)
31 ✓ MP-6A	MENS RR #5 of COLUMN C21 75P		14	12.12 FT ORANGE w/BLACK STRIPES & MASTIC	(-)
32 ✓ 6B	2 ND FLR. "				(-)
33 ✓ MP-7A	WOMEN RR #7 of COLUMN F21 150P		15	12.12 FT AQUA w/WHITE STRIPES & MASTIC	(-)
34 ✓ 7B	2 ND FLR. "				(-)
35 ✓ MP-8A	OFFICE of COLUMN H6	550P	16	12.12 FT BROWN w/BLACK STRIPES & MASTIC	(-)
36 ✓ 8B	"				(-)
37 ✓ MP-9A	OFFICE of COLUMN M15		20	12.12 FT GREY w/BLACK & WHITE STRIPES & MASTIC	(-)
38 ✓ 9B	"				(-)
39 ✓ MP-10A	2 ND FLR. OFFICE WEST of ILO column 240P		21	12.12 FT DRK. GREY w/BLACK, WHITE, BROWN STRIPES & MASTIC	(-)
40 ✓ 10B	"				(-)
41 ✓ MP-11A	OFFICE WEST of COLUMN R23		22	12.12 FT GREY, WHITE & BROWN STRIPES & MASTIC	(-)
42 ✓ 11B	"				(-)
43 ✓ MP-12A	2 ND FLR. - OFFICE of COLUMN E9	1425P	10	9.9 FT BROWN w/WHITE & RED STRIPES & MASTIC	(-)
44 ✓ 12B	"	240.00P			(-)

White - Office

Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

Shawn P. Fidwerty
NAME DATE

Shawn P. Fidwerty
NAME DATE

Shawn P. Fidwerty
NAME DATE

micro air inc.

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E-MAIL: microair@microair.com
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DAILY BULK SAMPLE LOG

TECHNICIAN SHAWN P. FINNERTY DATE 1-26-06 JOB # 20-8423-D

LOCATION JOHNSON CONTROLS - GOSHEN IN. PAGE 2 OF 45

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER H/A	SAMPLE DESCRIPTION	
51 ✓ 13A	2 ND OFFICE BY COLUMN E9	1225#	10	9.9 FT RED w/white STRIPS + MASTIC	(-)
13B	"				(-)
17 ✓ 14A	ROOM EAST of COLUMN H7	500#	13	9.9 FT TAN w/white + DARK BROWN STRIPS + MASTIC	(-)
14B	"				(-)
141 ✓ 15A	ROOM NORTH of COLUMN C13		4	BROWN COVERBASE + MASTIC	(-)
15B	"				(-)
131 ✓ 16A	2 ND FLR OFFICE @ COLUMN A6		5	WHITE COVERBASE + MASTIC	(-)
16B	"				(-)
133 ✓ 17A	2 ND FLR MENS RR BY COLUMN B13		7	BLACK COVERBASE + MASTIC	(-)
17B	"				(-)
135 ✓ 18A	2 ND FLR FORMER ADVERTISING @ COLUMN D12		9	6" BROWN COVERBASE + MASTIC	(-)
18B	"				(-)
137 ✓ 19A	2 ND FLR FORMER ADVERTISING BY COLUMN D6		11	6" BLACK COVERBASE + MASTIC	(-)
19B	"				(-)
134 ✓ 20A	ROOM WEST of COLUMN I6		19	BEIGE COVERBASE + MASTIC	(-)
20B	"				(-)
141 ✓ 21A	OFFICE @ COLUMN M15		23	GRAY COVERBASE + MASTIC	(-)
21B	"				(-)
147 ✓ 22A	MENS RR @ COLUMN H8		3	2.4 FT SHIRT FIBERGLASS W/PAVING	(-)
144 ✓ 23A	2 ND FLR BY COLUMN F1 ADVERTISING		8	ACROSTIC CEILING TILE PINNACLE + SPLINE	(-)
145 ✓ 24A	ROOM NORTH of H8 MENS RR		19	CEILING TEXTURE	(-)

White - Office

Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

NAME

DATE

NAME

DATE

NAME

DATE

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DAILY BULK SAMPLE LOG

TECHNICIAN SHAWN P. FINNERTY DATE 1-27-06 JOB # 20-8423-D

LOCATION Johnson Controls - Goshen, IN. PAGE 3 OF 45

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER	SAMPLE DESCRIPTION
MP-25A	2 ND FLR OFFICE BY COLUMN E9			HARD WALL PLASTER
B	E8			
C	✓ E7			
MP-26A	2 ND FLR. HALLWAY BY COLUMN - F10	750CP		5/8" CREAM & GRAY PEBBLE PATTERNS & ADHESIVE
B	"			
MP-27A	2 ND FLR ROOM BY COLUMN E8			6" BLACK & WHITE STRIPS OF LAMINATE & MASTIC
B	"			
MP-28A	2 ND FLR HATHOUSE BY COLUMN G4			CEMENT BOARD
B	ATTIC ENTRANCE NE of COLUMN R21W			
MP-29A	2 ND FLR BY COLUMN E8			CHARACT MASTIC
B	"			
MP-30A	2 ND FLR BY COLUMN F6			WINDOW CAULK
B	2 ND FLR BY COLUMN G21			
MP-31A	2 ND FLR BY COLUMN F12			WINDOW GLAZE
B	"			
MP-32A	ATTIC BY COLUMN R23W			VIBRATION JOINT CLOTH
B	"			
MP-33A	NE of COLUMN R21W	20' x 40'		TAR TAPE PIPE WRAP
B	HEAT TREAT OVEN 2			
MP-34A	HEAT TREAT OVEN 1 ft. LEFT TO RIGHT	90CP	ALL 3 OVENS	OVEN DOOR INSULATION
B	"			
MP-35A	HEAT TREAT OVEN 2 DUCT	90CP		DUCT/TAR INSULATION
B	"	142 OVENS		

White - Office Yellow - Laboratory
MP-33C NEAR BOILER ROOM BY COLUMN J13
CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY: Shawn Finnerty CUSTODY TRANSFERRED TO: Shawn Finnerty RECEIVED IN LABORATORY BY: Shawn Finnerty
NAME DATE NAME DATE NAME DATE

micro air inc.

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DAILY BULK SAMPLE LOG

TECHNICIAN SHAWN P. FINNERTY DATE 1-27-06 JOB # 20-8423-D

LOCATION JOHNSON CONTROLS - GOSHEN, IN.

PAGE 4 OF 45

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER	SAMPLE DESCRIPTION
MP-36A	EAST DUCT @ COLUMN PG15			SPRAY-ON FIREPROOFING (-)
36B	WEST DUCT @ COLUMN PG15			
36C	WALL EAST of COLUMN PG10			
MP-37A	LAB SW of COLUMN G25			LABTOP (-)
MP-38A	1 ST AID OFFICE			GOLD COVEBASE (-)
38B	✓			SYNTHETIC (-)
MP-39A	BOILER ROOM - EAST BOILER - SOUTH END			BOILER DOOR INSULATION (-)
MP-40A	BOILER ROOM - EAST BOILER - SOUTH END			INSIDE BOILER INSULATION (-)
		< MUD >		
MP-41A	OFFICE BY COLUMN M15			DRYWALL & ASSOC. JOINT COMPOUND (-)
41B	✓ H6			
MP-42A	BOILER ROOM - SOFT WATER			TAPE WUMP FITTINGS (-)
-42B	✓ DOM. WATER			
-42C	✓ - STEAM			
MP-43A	BY COLUMN E4			AIRCELL PIPE INSULATION - STEAM (-)
B	✓ F10			
C	✓ H11			
MP-44A	BY COLUMN E4			✓ THERMAL CEMENT FITTINGS ON AIRCELL STEAM (-)
B	BY COLUMN F10			

C White - Office H 11 Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

NAME

DATE

NAME

DATE

NAME

DATE

micro air inc.8320 LA PAS TRAIL, INDIANAPOLIS, INDIANA 46268
TELEPHONE: (317) 293-1533 FAX: (317) 290-3666E-MAIL: microair@microair.com
WEB SITE: http://www.microair.com**DAILY BULK SAMPLE LOG**TECHNICIAN Shawn P. Finnerty DATE 1-30-06 JOB # 20-8423-DLOCATION JOHNSON CONTROLS - GOSHEN, IN PAGE 5 OF 5

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER	SAMPLE DESCRIPTION	
384 065 066 MP-45A -45B -45C	By column 'E4' ↓ 'F10' ↓ 'H11'			WRAPPED PAPER ON WATER LINE	CH +10
068 069 MP-46A -46B -46C	By column 'E4' ↓ 'F10' ↓ 'H11'			Thermal cement Fittings on wrapped paper, water line	CH +10
068 069 MP-47A -47B -47C	By column 'L22'			Thermal cement fitting on FRP line - STEAM	CH +20
073 074 075 MP-48A 48B 48C	By column B7 " B7 " B4			Thermal cement fittings on FRP line - DOMESTIC WATER	CH +12
076 077 MP-49A -49B	PENTHOUSE By column G4 " H4			TAN FELT UNDER CEMENT BOARD SIDING	CH
078 079 MP-50A -50B	BILLAR ROOM G4			12'12 FT RED W/WHITE STRIPS & MASTIC	CH
080 081 MP-51A -51B	BILLAR ROOM By column G4 " "			12'12 FT GRAY W/WHITE STRIPS & MASTIC	CH
082 083 MP-52A -52B	By column 'H6'			BLACK STRIPS STRIPS & MASTIC	CH

White - Office

Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

NAME

DATE

NAME

DATE

NAME

DATE

GBC000086

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20074

DAILY BULK SAMPLE LOGTECHNICIAN SHAWN P. FINNERTY DATE 1-30-06 JOB # 20-8423-DLOCATION Johnson Controls - Goshen, IN PAGE 1 OF 2

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER	SAMPLE DESCRIPTION	
121-1A	ORIGINAL ROOF - CENTER			ROOF FIELD	(-)
121-1B	↓				
121-2A				FLASHING	(TRC, CH)
121-2B	↓				
122-3A	1967 ADDITION			ROOF FIELD	(-)
122-3B	↓				
122-4A				FLASHING	(-)
122-4B	↓				
123-5A	NORTH EAST CORNER ADDITION			ROOF FIELD	(-)
123-5B	↓			UNDER RUBBER	
123-6A				FLASHING	(-)
123-6B	↓				
124-7A	EAST ADDITION			ROOF FIELD	(-)
124-7B	↓			UNDER RUBBER	
124-8A				FLASHING	(+20% CH)
124-8B	↓				
125-9A	SOUTH ADDITION - Elec.			ROOF FIELD	(-)
125-9B	↓			STRUCTURAL SEALANT	
126-10A	MIDDLE ROOF - SILVER			FLASHING	(-)
126-10B	↓				
126-11A	MIDDLE ROOF SILVER			ROOF FIELD	(-)
126-11B					
126-12A	MAIN PLANT			FLASHING	(+15% CH)
126-12B					

White - Office

Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

NAME

DATE

NAME

DATE

NAME

DATE

GBC000087

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DAILY BULK SAMPLE LOG

LOCATION JOHNSON RANCH - Goshute IN. PAGE 2 OF 2

[illegible]

Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

RECEIVED IN LABORATORY BY:

NAME Mr. C. W. [illegible] DATE 11/1/54

GBC000088

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Indoor Air Quality
Catastrophe Services
Microbiology
Asbestos Surveys
Air Monitoring
Industrial Hygiene
Epidemiology
Radon Testing
Water Testing
Lead Testing

February 13, 2006

ERM, Inc.
Pat Sorensen
11350 N. Meridian Street
Carmel, IN 46032

RE: Polarized Light Microscopy (PLM) Bulk Sample Results

Project Name: Johnson Controls, Goshen, IN
Project Number: 20-8423-D

Location: Engineering Building
Date Received: January 30, 2006

Dear Ms. Sorensen:

Enclosed is(are) the result(s) of the analysis performed on the sample(s) received by Micro Air, Inc.

Method of Analysis:

Polarized Light Microscopy with Dispersion Staining, EPA 600/M4-82-020. All samples may be heated to release fibrous material. Percentages are based on visual estimation of quantities present. This report should not be used to imply product or service endorsement by NVLAP or any agency of the U.S. Government. This report relates only to items tested and may not be reproduced except in full, without the written approval of the laboratory.

Disclaimers:

PLM analysis has been known to miss asbestos in a small percentage of samples which contain asbestos. Therefore, negative PLM results cannot be guaranteed. Floor tiles and surface wipes should be tested with TEM. AHERA and NESHAP policies state that distinct layers be analyzed and reported separately. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Multi-layered samples with ACM >1% in any layer are considered ACM when analysis of a composite sample is requested.

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If you have any questions concerning this report please do not hesitate to contact us.

Sincerely,



Aron Liaw
Laboratory Technician

Reviewed By,



Daniel A. Flack
Technical Manager

AIHA Laboratory ID No. 100931 * NVLAP Accreditation No. 101221-0 * ISDH Certificate No. M-49-5



micro air, inc.

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Indianapolis, IN 46268
Telephone: (317) 293-1533
Fax: (317) 290-3566
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Website: www.microair.com

Client: ERM, Inc.
Project Number: 20-8423-D
Project Name: Johnson Controls, Goshen, IN
Report Date: 2/13/2006
Lab Number: 30073
Date Received: 1/30/2006

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
001	1A	1/26/2006	2/1/2006	Duct Tape - Basement - W. Mech Room	+	W	YES	Chrysotile 35% Cellulose 35% Synthetics/Hair <1% Binder 30%
002	2A	1/26/2006	2/1/2006	Vibration Joint Cloth - Basement - W. Mech Room	-	BR	YES	Cellulose 100% Binder <1%
003	3A	1/26/2006	2/1/2006	Window Caulk Tile - Basement - W. Wall	-	W	YES	Cellulose <1% Binder 100%
004	3B	1/26/2006	2/1/2006	Window Caulk Tile - Exterior - E. Entrance	-	W	YES	Cellulose <1% Binder 100%
005	4A	1/26/2006	2/1/2006	Glue on Duct Work - Basement - East End	+	G	YES	Chrysotile 15% Cellulose <1% Binder 85%

Report Date: 2/1/2006
Lab Number: 30073

Project Name: Johnson Controls, Goshen, IN

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
006	5A	1/26/2006	2/1/2006	9" x 9" Tan Floor Tile - Basement - Stairwell	+	BR	YES	Chrysotile 10% Cellulose <1% Binder 90%
007	5B	1/26/2006	2/1/2006	Adhesive on 9" x 9" Tan Floor Tile - Basement - Stairwell	+	b	YES	Chrysotile 15% Cellulose <1% Binder 85%
008	6A	1/26/2006	2/1/2006	12" x 12" Tan w/- Grey Speck Floor Tile - Second Floor - Hall to Main Plant	TRACE	W	YES	Chrysotile <1% Cellulose <1% Binder 100%
009	6B	1/26/2006	2/1/2006	Adhesive on 12" x 12" Tan w/- Grey Speck Floor Tile - Second Floor - Hall to Main Plant	+	B	YES	Chrysotile 20% Cellulose <1% Synthetics/Hair <1% Binder 80%
010	7A	1/26/2006	2/1/2006	2' x 4' Fissured & Pinhole Pattern Ceiling Tile - Second Floor - Hall to Main Plant	-	W-BR	YES	Cellulose 45% Fibrous Glass 45% Binder 10%
011	7B	1/26/2006	2/1/2006	2' x 4' Fissured & Pinhole Pattern Ceiling Tile - Ground Floor - Lab Area	-	W-BR	YES	Cellulose 45% Fibrous Glass 45% Binder 10%

Report Date: 2/1/2006
Lab Number: 30073

Project Name: Johnson Controls, Gosport, IN

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
012	8A	1/26/2006	2/1/2006	Drywall & Associated Joint Compound - Second Floor - Hallway	-	W	NO	Cellulose 5% Fibrous Glass <1% Other Fibers <1% Binder 95%
013	8B	1/26/2006	2/1/2006	Drywall & Associated Joint Compound - Ground Floor - Lab Area	-	W	NO	Cellulose 5% Fibrous Glass <1% Binder 95%
014	9A	1/26/2006	2/1/2006	Cement Board on Stored Oven - Basement - East End	+	G	YES	Chrysotile 35% Cellulose <1% Fibrous Glass <1% Binder 65%
015	10A	1/26/2006	2/1/2006	Wiring Insulation on Stored Oven - Basement - East End	+	W	YES	Chrysotile 50% Cellulose 50% Synthetics/Fiber <1% Binder <1%
016	11A	1/26/2006	2/1/2006	Interior Insulation on Stored Oven - Basement - East End	+	W	YES	Chrysotile 60% Cellulose 30% Binder 10%
017	12A	1/26/2006	2/1/2006	Brown Cove Base Molding - Second Floor - Hallway	-	BR	YES	Binder 100%

Lab Number: 30073

Project Name: Johnson Controls, Woburn, IN

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
018	12B	1/26/2006	2/1/2006	Brown Cove Base Molding - Ground Floor - NE Office	-	BR	YES	Binder 100%
019	12C	1/26/2006	2/1/2006	Adhesive on Brown Cove Base Molding - Second Floor - Hallway	-	BR	YES	Cellulose <1% Binder 100%
020	12D	1/26/2006	2/1/2006	Adhesive on Brown Cove Base Molding - Ground Floor - NE Office	-	BR	YES	Cellulose <1% Binder 100%
021	13A	1/26/2006	2/1/2006	9" x 9" Brown Floor Tile - Second Floor - Offices	+	BR	YES	Chrysotile 15% Cellulose <1% Binder 85%
022	13B	1/26/2006		9" x 9" Brown Floor Tile - Second Floor - Offices	N/A	N/A	N/A	NOT ANALYZED
023	13C	1/26/2006	2/1/2006	Adhesive on 9" x 9" Brown Floor Tile - Second Floor - Offices	+	B	YES	Chrysotile 20% Cellulose <1% Binder 80%

Lab Number: 30073

Project Name: Johnson Controls, Gosport, IN

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
024	13D	1/26/2006		Adhesive on 9" x 9" Brown Floor Tile - Second Floor - Offices	N/A	N/A	N/A	NOT ANALYZED
025	14A	1/26/2006	2/2/2006	Carpet Adhesive - Second Floor - Offices	-	BR	YES	Cellulose <1% Synthetics/Hair <1% Binder 100%
026	14B	1/26/2006	2/2/2006	Carpet Adhesive - Ground Floor - SW Offices	-	BR	YES	Cellulose <1% Synthetics/Hair <1% Binder 100%
027	15A	1/26/2006	2/2/2006	Hardwall Plaster - Second Floor - South Office Wall	-	W	NO	Cellulose <1% Fibrous Glass <1% Binder 100%
028	15B	1/26/2006	2/2/2006	Hardwall Plaster - Second Floor - East Office Wall	-	W-T	NO	Cellulose <1% Fibrous Glass <1% Binder 100%
029	15C	1/26/2006	2/2/2006	Hardwall Plaster - Ground Floor - Mens Restroom	-	W-G	NO	Cellulose <1% Fibrous Glass <1% Binder 100%

Report Date: 2/13/2006
Lab Number: 30073

Project Name: Johnson Controls, Washen, IL

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
030	16A	1/26/2006	2/2/2006	12" x 12" Ochre & Brown Spot Floor Tile - Second Floor - Womens Room	-	T	YES	Cellulose <1% Binder 100%
031	16B	1/26/2006	2/2/2006	Adhesive on 12" x 12" Ochre & Brown Spot Floor Tile - Second Floor - Womens Room	+	B	YES	Chrysotile 15% Cellulose <1% Binder 85%
032	17A	1/26/2006	2/2/2006	12" x 12" Tan w/- White Streak Floor Tile - Second Floor - Stairwell to Lobby	-	W	YES	Binder 100%
033	17B	1/26/2006	2/2/2006	Adhesive on 12" x 12" Tan w/- White Streak Floor Tile - Second Floor - Stairwell to Lobby	-	BR	YES	Cellulose <1% Binder 100%
034	18A	1/26/2006	2/2/2006	Paper Backing on Metal Pan Ceiling - Second Floor - West End	-	T-BR	NO	Cellulose 20% Fibrous Glass 80% Binder <1%
035	19A	1/26/2006	2/2/2006	Asbestos Paper Above Metal Pan Ceiling - Second Floor - West End	+	W	YES	Chrysotile 60% Cellulose 40% Binder <1%

Report Date: 2/13/2006
 Lab Number: 30073

Project Name: AMESON CORP., OGDEN, UT

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
036	20A	1/26/2006	2/2/2006	12" x 12" Tan w/- White Streak Floor Tile - Ground Floor - Hallway	-	W	YES	Cellulose <1% Binder 100%
037	20B	1/26/2006	2/2/2006	Adhesive on 12" x 12" Tan w/- White Streak Floor Tile - Ground Floor - Hallway	+	B	YES	Chrysotile 15% Cellulose <1% Binder 85%
038	21A	1/26/2006	2/2/2006	2' x 4' Deep Fissure Pattern Ceiling Tile - Ground Floor - West Office	-	W-T	YES	Cellulose 45% Fibrous Glass 45% Binder 10%
039	21B	1/26/2006	2/2/2006	2' x 4' Deep Fissure Pattern Ceiling Tile - Ground Floor - West Office	-	W-T	YES	Cellulose 45% Fibrous Glass 45% Binder 10%
040	22A	1/26/2006	2/2/2006	Tan Cove Base Molding - Ground Floor - Lab Area	-	BR	YES	Binder 100%
041	2B	1/26/2006	2/2/2006	Adhesive on Tan Cove Base Molding - Ground Floor - Lab Area	-	BR	YES	Cellulose <1% Binder 100%

Report Date: 2/13/2006
 Lab Number: 30073

Project Name: JOHNSON CONTROLS, OMAHA, IA

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
042	23A	1/26/2006	2/2/2006	Laboratory Tabletops - Ground Floor - Lab Area	-	B	YES	Cellulose 90% Binder 10%
043	23B	1/26/2006	2/2/2006	Laboratory Tabletops - Ground Floor - Lab Area	-	B	YES	Cellulose 90% Binder 10%
044	24A	1/26/2006	2/2/2006	Cement Board at Electrical Outlet Boxes - Ground Floor - Lab Area	+	W-G	YES	Chrysotile 35% Cellulose <1% Binder 65%
045	25A	1/26/2006	2/2/2006	12" x 12" Tan w/- Red Splotch Pattern Floor Tile - Ground Floor - North Lab Area	TRACE	W	YES	Chrysotile <1% Cellulose <1% Binder 100%
046	25B	1/26/2006	2/2/2006	Adhesive on 12" x 12" Tan w/- Red Splotch Pattern Floor Tile - Ground Floor - North Lab Area	-	BR	YES	Cellulose <1% Binder 100%
047	26A	1/26/2006	2/2/2006	Base Floor Tile - Ground Floor - North Lab Area	+	BR	YES	Chrysotile 10% Cellulose <1% Binder 90%

Report Date: 2/15/2006
Lab Number: 30073

Project Name: Asbestos Controls, Jackson, MS

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
048	26B	1/26/2006	2/2/2006	Adhesive on Base Floor Tile - Ground Floor - North Lab Area	+	B	YES	Chrysotile 15% Cellulose <1% Binder 85%
049	27A	1/26/2006	2/2/2006	12" x 12" Fissured Pattern Acoustical Tile - Ground Floor - West Office	-	W	YES	Cellulose <1% Fibrous Glass 90% Binder 10%
050	28A	1/26/2006	2/2/2006	Acoustical Tile Mastic - Ground Floor - West Office	-	BR	YES	Cellulose <1% Binder 100%
051	29A	1/26/2006	2/2/2006	Black Cove Base Molding - Ground Floor - Lobby Area	-	B	YES	Binder 100%
052	29B	1/26/2006	2/2/2006	Adhesive on Black Cove Base Molding - Ground Floor - Lobby Area	-	W	YES	Cellulose <1% Binder 100%
053	30A	1/26/2006	2/2/2006	Grey Cove Base Molding - Ground Floor - Lobby Area	-	BR	YES	Binder 100%

Report Date: 2/13/2006
Lab Number: 30073

Project Name: POLYMER CONSTRUCTION, CHANDLER, AZ

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
054	30B	1/26/2006	2/2/2006	Adhesive on Grey Cove Base Molding - Ground Floor - Lobby Area	-	BR	YES	Cellulose <1% Binder 100%
055	31A	1/26/2006	2/2/2006	Ceramic Tile Adhesive - Ground Floor - North Office	-	B	YES	Cellulose <1% Binder 100%
056	32A	1/26/2006	2/2/2006	12" x 12" Green w/- White Streak Floor Tile - Ground Floor - Aerobics Room	-	W	YES	Cellulose <1% Binder 100%
057	32B	1/26/2006	2/2/2006	Adhesive on 12" x 12" Green w/- White Streak Floor Tile - Ground Floor - Aerobics Room	-	BR	YES	Cellulose <1% Fibrous Glass <1% Binder 100%
058	33A	1/26/2006	2/2/2006	12" x 12" Sky Blue Floor Tile - Ground Floor - Aerobics Room	-	BL	YES	Cellulose <1% Binder 100%
059	33B	1/26/2006	2/2/2006	Adhesive on 12" x 12" Sky Blue Floor Tile - Ground Floor - Aerobics Room	-	BR	YES	Cellulose <1% Fibrous Glass <1% Binder 100%

[illegible]

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
060	34A	1/26/2006	2/3/2006	Tan Stair Treads - Ground Floor - Lobby Area	-	T	YES	Binder 100%
061	34B	1/26/2006	2/3/2006	Adhesive on Tan Stair Treads - Ground Floor - Lobby Area	-	BR	YES	Cellulose <1% Binder 100%
062	35A	1/26/2006	2/3/2006	Air Cell Pipe Insulation - Ground Floor - Lab Area	+	W	YES	Chrysotile 60% Cellulose 40% Binder <1%
063	36A	1/26/2006	2/3/2006	Air Cell Pipe Fittings - Ground Floor - Lab Area	+	W-BR	NO	Chrysotile 30% Amosite 2% Cellulose <1% Fibrous Glass 50% Binder 17%
064	37A	1/26/2006	2/3/2006	Asphalt Roof Field - Roof - North End	-	B-T	NO	Cellulose 55% Fibrous Glass <1% Binder 45%
065	38A	1/26/2006	2/3/2006	Asphalt Roof Flashing - Roof - North End	-	B-T	NO	Cellulose 50% Fibrous Glass 5% Binder 45%

Report Date: 2/13/2006
Lab Number: 30073

Project Name: JOHNSON CONTROLS, QUINCY, IL

Polarized Light Microscopy (PLM) Bulk Sample Results

Location: Engineering Building

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Sample Description	Asbestos	Color*	Homogeneous	Sample Composition
066	39A	1/26/2006	2/3/2006	Roof Flashing at Metal Cap - Roof - North End	-	B	YES	Cellulose 15% Binder 85%
067	40A	1/26/2006	2/3/2006	Roof Cement at Roof Exhausts - Roof - South End	+	B	YES	Chrysotile 15% Cellulose <1% Binder 85%

A concentration of greater than one (1) percent of any type of asbestos means a sample meets the EPA definition of an asbestos-containing material

*Note: B-Black, BL-Blue, BR-Brown, GL-Gold, G-Gray, O-Orange, P-Pink, PR-Purple, R-Red, S-Silver, T-Tan, W-White, Y-Yellow

Sample(s) received in good condition.

Analyst: Aron Liaw

Analytical Method: Polarized Light Microscopy with Dispersion Staining, EPA 600/M4-82-020

micro air inc.6320 LA PAS TRAIL, INDIANAPOLIS, INDIANA 46268
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30073

DAILY BULK SAMPLE LOGTECHNICIAN TONY BOLANDS DATE 1/26/06 JOB # 20-8423-DLOCATION JOHNSON CONTROLS, GOSHEN, IN PAGE 1 OF 4

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER	SAMPLE DESCRIPTION
✓ E-1A	ENGINEERING BUILDING - BASEMENT	W. MECH ROOM (1)		DUCT TAPE (35)
✓ E-2A			(2)	VIBRATION JOINT CLOTH (-)
✓ E-3A		SECOND FLOOR - W. WALL (3)		12" x 12" TAN WIND OUT (1)
✓ 3B		EXTERNAL - E. ENTRANCE		WELL CAUL (1)
✓ E-4A		BASEMENT - EAST END (4)		MATHEMATIC BLUE ON (1)
✓ E-5A				ON ABOVE DUCT (1)
✓ -5B		STATUEWELL (5)		9" x 9" TAN FLOOR (1)
✓ E-6A		SECOND FLOOR - HALL TO (6)		TILE AND ADHESIVE (1)
✓ 6B		MAIN PLANT		12" x 12" TAN WITH (1)
✓ E-7A		SECOND FLOOR - ↓ (7)		GRAY SPECK FLOOR TILE AND (1)
✓ 7B		GROUND FLOOR - LAB AREA		2' x 4' FISSURED AND (-)
✓ E-8A		SECOND FLOOR - HALLWAY (8)		PIN HOLE PATTERN CEILING TILE
✓ 8B		GROUND FLOOR - LAB AREA		DRY WALL AND ASSOCIATED
✓ E-9A		BASEMENT - EAST END		JOINT COMPOUND (-)
✓ E-10A				CEMENT BOARD ON (352)
				STORED OVEN (1)
✓ E-11A				WIRING INSULATION (352)
				ON STORED OVEN (1)
✓ E-12A		SECOND FLOOR - HALLWAY (9)		INTERIOR INSULATION (+66)
✓ 12B		GROUND FLOOR - N.E. OFFICE		ON STORED OVEN (1)
				BROWN COVE BASE (-)
				MOLDING (-)

White - Office

Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

Tony Bolands 1/26/06
NAME DATE

NAME

DATE

NAME

DATE

GBC000102



6320 LA PAS TRAIL, INDIANAPOLIS, INDIANA 46268
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30073

DAILY BULK SAMPLE LOG

TECHNICIAN TONY BOLANOS DATE 1/26/06 JOB # 20-8423-D

LOCATION JOHNSON CONTROLS GOSHEN, IN PAGE 2 OF 4

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER	SAMPLE DESCRIPTION
E-13A	ENGINEERING BUILDING - SECOND FLOOR - HALLWAY	(16)		ADHESIVE ON ABOVE
13B	- GROUND FLOOR - N.E. OFFICE			
E-13A	- SECOND FLOOR - OFFICES	(16)		9" x 9" BROWN FLOOR TILE
13B	GROUND FLOOR - SW OFFICES			
E-14A	- SECOND FLOOR - OFFICES			ADHESIVE ON ABOVE
14B	GROUND FLOOR - SW OFFICES			
E-14A	- SECOND FLOOR - OFFICES	(11)		CARPET ADHESIVE
14B	- GROUND FLOOR - SW OFFICES			
E-15A	- SECOND FLOOR - NORTH OFFICE WALL			HARDWARE PLASTER
15B	↓	- EAST OFFICE WALL		
15C	- GROUND FLOOR - MEN'S RESTROOM			
E-16A	SECOND FLOOR - WOMEN'S ROOM			10" x 10" WHITE TILE
16B	↓			BROWN SPOT TILE
E-17A	- STAIRWELL TO LOBBY			12" x 12" TAN WITH WHITE STREAK FLOOR TILE AND ADHESIVE
17B	↓			
E-18A	- WEST END			PAPER BACKING ON METAL PAN CEILING
E-19A	↓			ASBESTOS PAPER ABOVE METAL PAN CEILING
F-20A	GROUND FLOOR - HALLWAY			10" x 10" TAN WITH WHITE STREAK FLOOR TILE AND ADHESIVE
20B	↓			
E-21A	- WEST OFFICE			2' x 4' DEEP FISSURE IN PATTERN CEILING TILE
21B	↓			

White - Office

Yellow – Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

NAME _____

DATE _____

NAME _____

DATE _____

NAME _____

DATE _____

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30073

DAILY BULK SAMPLE LOGTECHNICIAN TONY BOLANOS DATE 1/26/06 JOB # 20-8423-DLOCATION JOHNSON CONTROLS, GOSHEN, IN PAGE 3 OF 4

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL CONDITION	PHOTO NUMBER	SAMPLE DESCRIPTION
✓ 040 E-22A	ENGINEERING BUILDING - GROUND	FLOOR - LAB AREA		TAN COVE BASE
✓ 041 22B				MULDING AND ADHESIVE
✓ 042 E-23A				LABORATORY
✓ 043 23B				TABLE TOPS
✓ 044 E-24A				CEMENT BOARD AT
				ELECTRICAL OUTLET BOX
✓ 045 E-25A		" NORTH LAB AREA		12" x 12" TAN WITH
✓ 046 25B				SLITCH PATTERN FLOOR TILE
✓ 047 E-26A				BASE FLOOR TILE
✓ 048 26B				AND ADHESIVE
✓ 049 E-27A		WEST OFFICE		12" x 12" FISSURED
				PATTERN ACOUSTICAL TILE
✓ 050 E-28A				ACOUSTICAL TILE
				MIMETIC
✓ 051 E-29A		NORTH OFFICE		BLACK COVE BASE
✓ 052 29B				MULDING AND ADHESIVE
✓ 053 E-30A		LOBBY AREA		GREY COVE BASE
✓ 054 30B				MULDING AND ADHESIVE
✓ 055 E-31A		NORTH OFFICE		CERAMIC TILE
				ADHESIVE
✓ 056 E-32A		RECEPTION ROOM		12" x 12" GREEN WITH
✓ 057 32B				WHITE STICKER FLOOR TILE
✓ 058 E-33A				12" x 12" SKY BLUE FLOOR TILE
✓ 059 33B				AND ADHESIVE

White - Office

Yellow - Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

NAME

DATE

NAME

DATE

NAME

DATE

GBC000104



E-MAIL: microair@microair.com
WEB SITE: <http://www.microair.com>

30473

DAILY BULK SAMPLE LOG

TECHNICIAN TOM BARNES DATE 1/26/06 JOB # 20-8423-D

LOCATION JOHNSON CONTROLS - GOSHEN, IN PAGE 4 OF 4

[illegible]**White - Office**

Yellow – Laboratory

CHAIN OF CUSTODY CHRONICLE:

COLLECTED BY:

CUSTODY TRANSFERRED TO:

RECEIVED IN LABORATORY BY:

NAME Bob DATE 1/26/06

DATE	NAME
11/11/11	John Doe
11/12/11	Jane Smith
11/13/11	Bob Johnson
11/14/11	Alice Brown
11/15/11	Charlie White
11/16/11	Diana Green
11/17/11	Frank Black
11/18/11	Grace King
11/19/11	Henry Lee
11/20/11	Ivy Clark
11/21/11	Jack Hall
11/22/11	Karen Young
11/23/11	Leo Adams
11/24/11	Mia Baker
11/25/11	Noah Wilson
11/26/11	Olivia Moore
11/27/11	Peter Taylor
11/28/11	Quinn Scott
11/29/11	Rachel Green
11/30/11	Samuel King
12/1/11	Tina White
12/2/11	Uma Black
12/3/11	Victor King
12/4/11	Wendy Lee
12/5/11	Xavier Clark
12/6/11	Yara Hall
12/7/11	Zoe Young
12/8/11	Adam Green
12/9/11	Bella Black
12/10/11	Carl King
12/11/11	Dora Lee
12/12/11	Ethan Clark
12/13/11	Fiona Hall
12/14/11	Gavin Young
12/15/11	Helen Green
12/16/11	Ian Black
12/17/11	Julia King
12/18/11	Kyle Lee
12/19/11	Laura Clark
12/20/11	Mark Hall
12/21/11	Nancy Young
12/22/11	Oscar Green
12/23/11	Pamela Black
12/24/11	Quinn King
12/25/11	Rachel Lee
12/26/11	Samuel Clark
12/27/11	Tina Hall
12/28/11	Uma Young
12/29/11	Victor Green
12/30/11	Wendy Black
12/31/11	Xavier King
1/1/12	Yara Lee
1/2/12	Zoe Clark
1/3/12	Adam Hall
1/4/12	Bella Young
1/5/12	Carl Green
1/6/12	Dora Black
1/7/12	Ethan King
1/8/12	Fiona Lee
1/9/12	Gavin Clark
1/10/12	Helen Hall
1/11/12	Ian Young
1/12/12	Julia Green
1/13/12	Kyle Black
1/14/12	Laura King
1/15/12	Mark Lee
1/16/12	Nancy Clark
1/17/12	Oscar Hall
1/18/12	Pamela Young
1/19/12	Quinn Green
1/20/12	Rachel Black
1/21/12	Samuel King
1/22/12	Tina Lee
1/23/12	Uma Clark
1/24/12	Victor Hall
1/25/12	Wendy Young
1/26/12	Xavier Green
1/27/12	Yara Black
1/28/12	Zoe King
1/29/12	Adam Lee
1/30/12	Bella Clark
1/31/12	Carl Hall
2/1/12	Dora Young
2/2/12	Ethan Green
2/3/12	Fiona Black
2/4/12	Gavin King
2/5/12	Helen Lee
2/6/12	Ian Clark
2/7/12	Julia Hall
2/8/12	Kyle Young
2/9/12	Laura Green
2/10/12	Mark Black
2/11/12	Nancy King
2/12/12	Oscar Lee
2/13/12	Pamela Clark
2/14/12	Quinn Hall
2/15/12	Rachel Young
2/16/12	Samuel Green
2/17/12	Tina Black
2/18/12	Uma King
2/19/12	Victor Lee
2/20/12	Wendy Clark
2/21/12	Xavier Hall
2/22/12	Yara Young
2/23/12	Zoe Green
2/24/12	Adam Black
2/25/12	Bella King
2/26/12	Carl Lee
2/27/12	Dora Clark
2/28/12	Ethan Hall
2/29/12	Fiona Young
3/1/12	Gavin Green
3/2/12	Helen Black
3/3/12	Ian King
3/4/12	Julia Lee
3/5/12	Kyle Clark
3/6/12	Laura Hall
3/7/12	Mark Young
3/8/12	Nancy Green
3/9/12	Oscar Black
3/10/12	Pamela King
3/11/12	Quinn Lee
3/12/12	Rachel Clark
3/13/12	Samuel Hall
3/14/12	Tina Young
3/15/12	Uma Green
3/16/12	Victor Black
3/17/12	Wendy King
3/18/12	Xavier Lee
3/19/12	Yara Clark
3/20/12	Zoe Hall
3/21/12	Adam Young
3/22/12	Bella Green
3/23/12	Carl Black
3/24/12	Dora King
3/25/12	Ethan Lee
3/26/12	Fiona Clark
3/27/12	Gavin Hall
3/28/12	Helen Young
3/29/12	Ian Green
3/30/12	Julia Black
3/31/12	Kyle King
4/1/12	Laura Lee

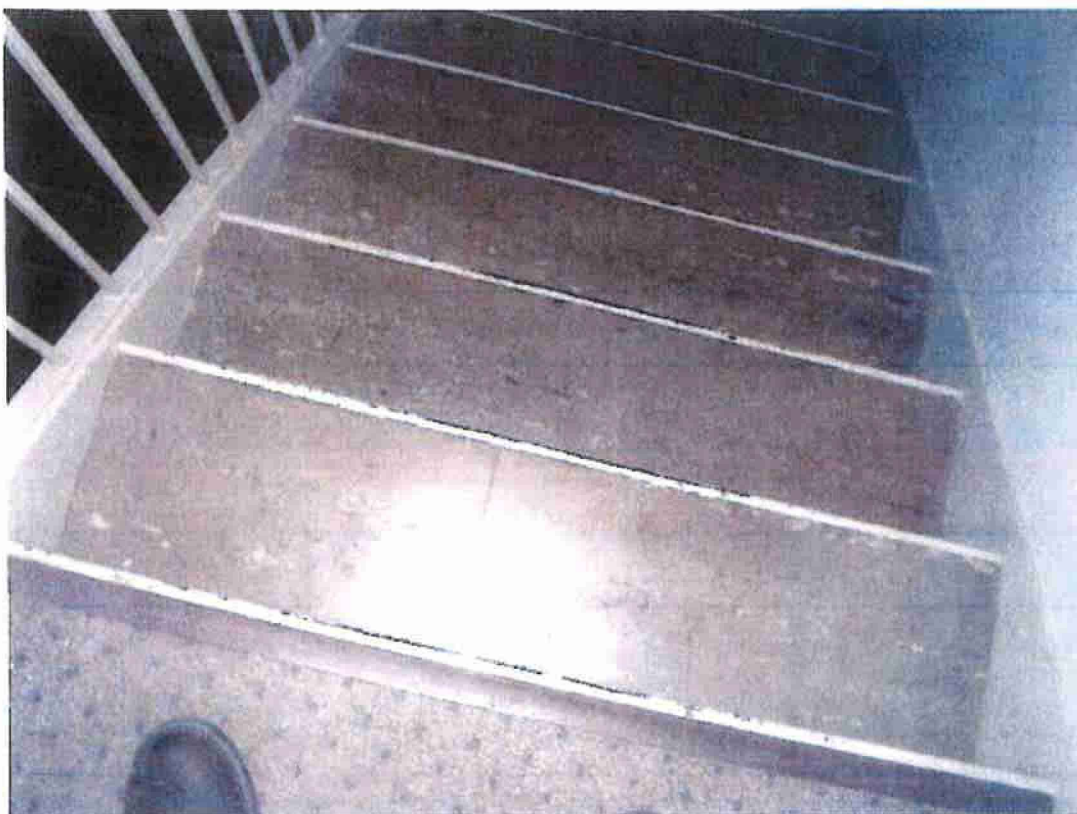
DATE _____

NAME _____

DATE _____



Johnson Controls
Goshen, Indiana
Main Plant Building
Exterior Photo



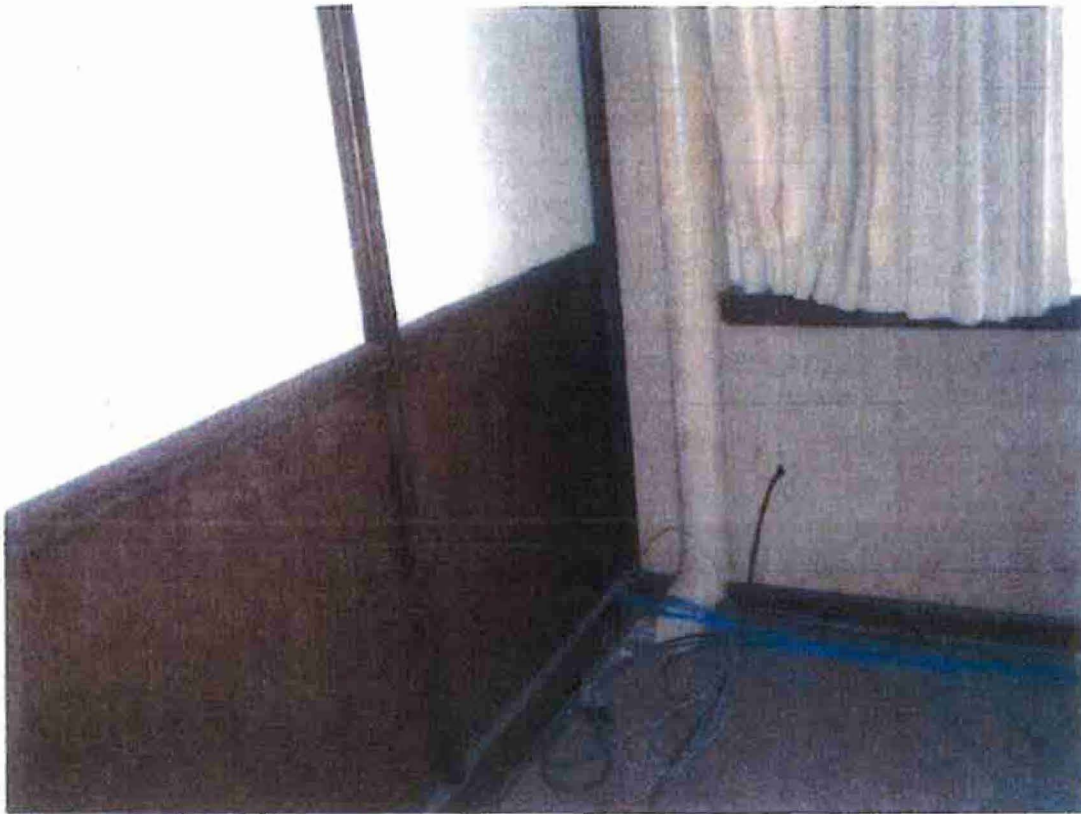
Johnson Controls
Main Plant Building
Administrative Offices
Third Floor Stairwell
9" x 9" Grey with Black Spot Pattern Floor Tile and Adhesive
Known, Asbestos-Containing Material



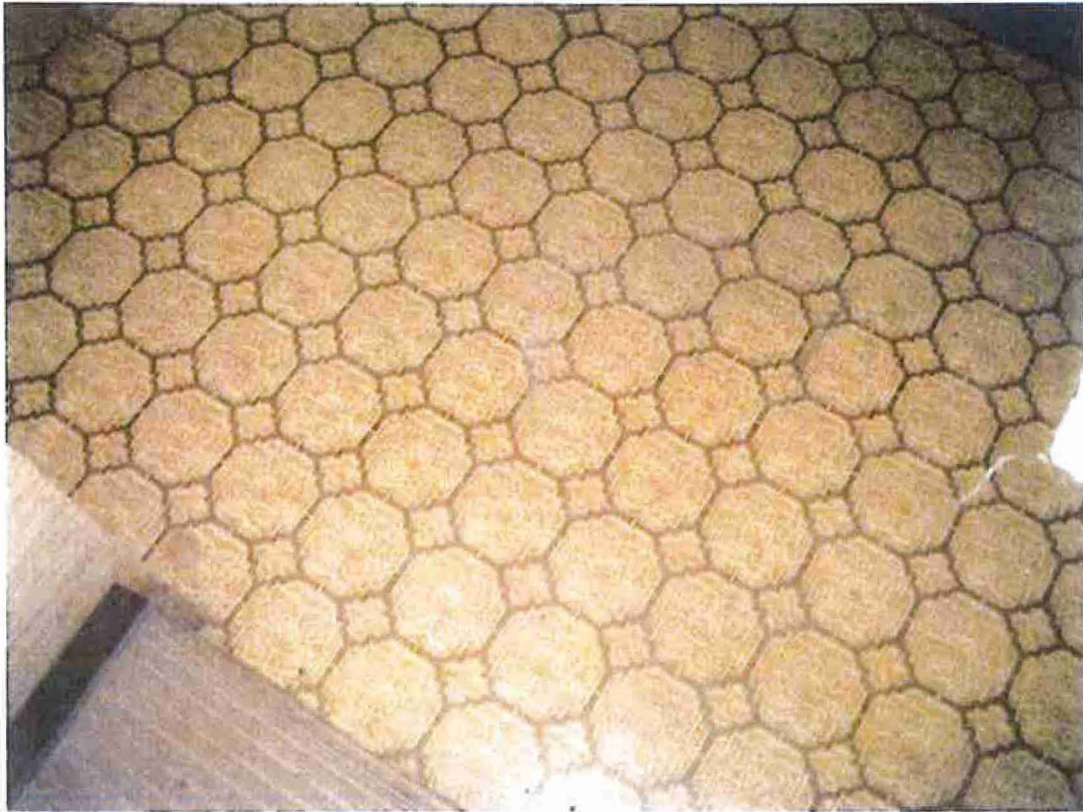
**Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Room 81
Black Asphalt Floor Tile and Adhesive
(Floor Tile) Known, Asbestos-Containing Material
(Floor Tile Adhesive) No Asbestos Detected**



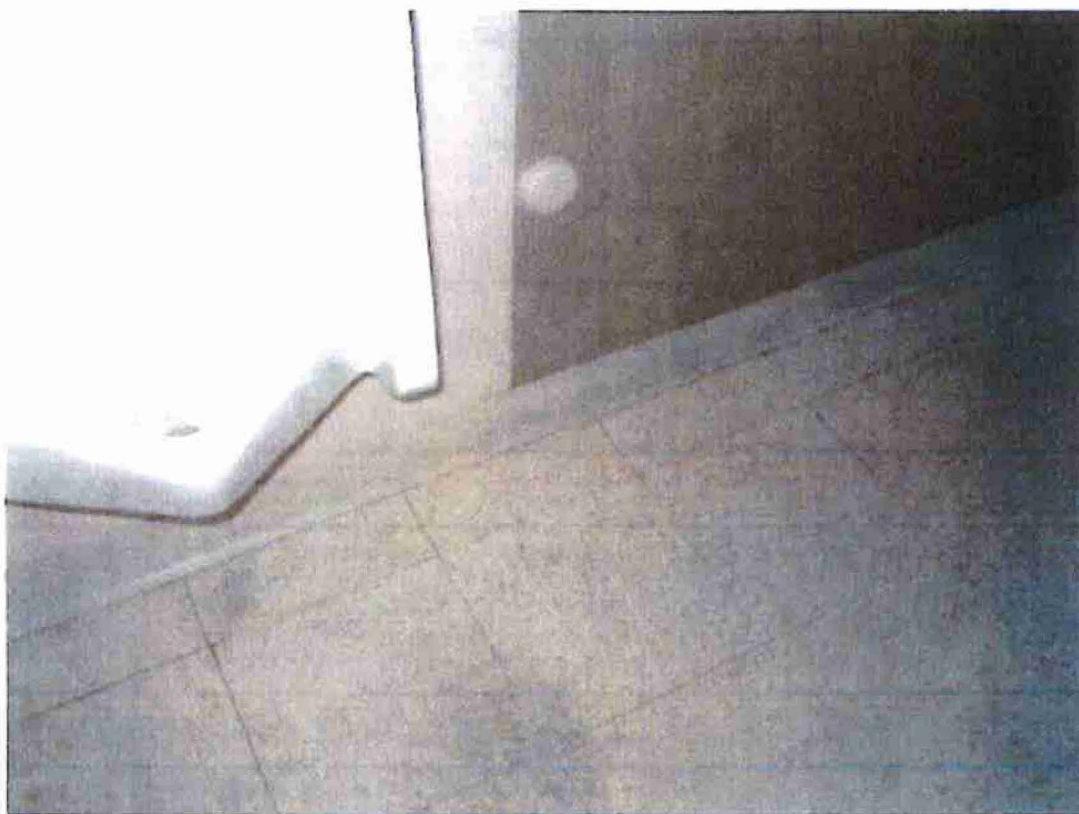
Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Restroom at Room 80
4" x 4" Blue and Tan Check Pattern Floor Tile and Adhesive
(Floor Tile) Known, Asbestos-Containing Material
(Tile Adhesive) No Asbestos Detected



**Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Room 81
Roof Drain Pipe Insulation
Known, Asbestos-Containing Material**



**Johnson Controls
Main Plant Building
Administrative Offices
Ground Floor, West Entrance
Brown Mosaic Pattern Sheet Vinyl Flooring and Adhesive
(Sheet Flooring) Known, Asbestos-Containing Material
(Adhesive) No Asbestos Detected**



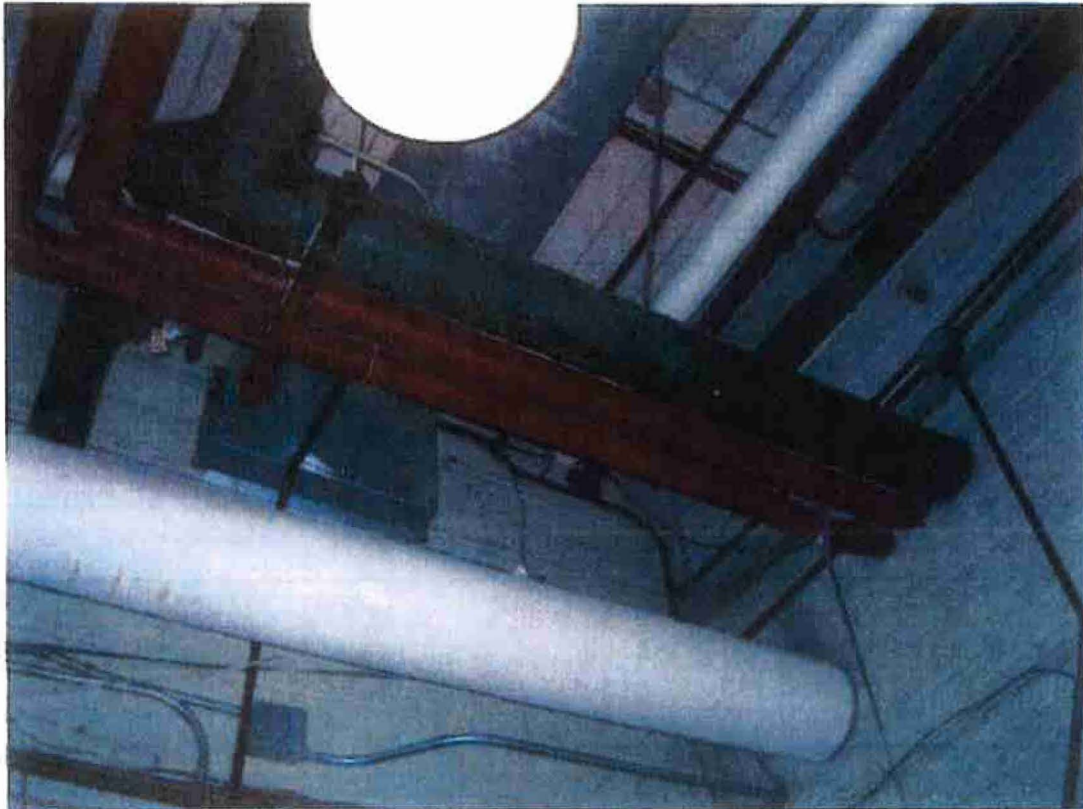
**Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Men's Restroom
12" x 12" Tan with Green Speck Pattern Floor Tile and Adhesive
(Floor Tile) No Asbestos Detected, (Adhesive) Known, Asbestos-Containing
Material
Tan Cove Base Molding and Adhesive
No Asbestos Detected**



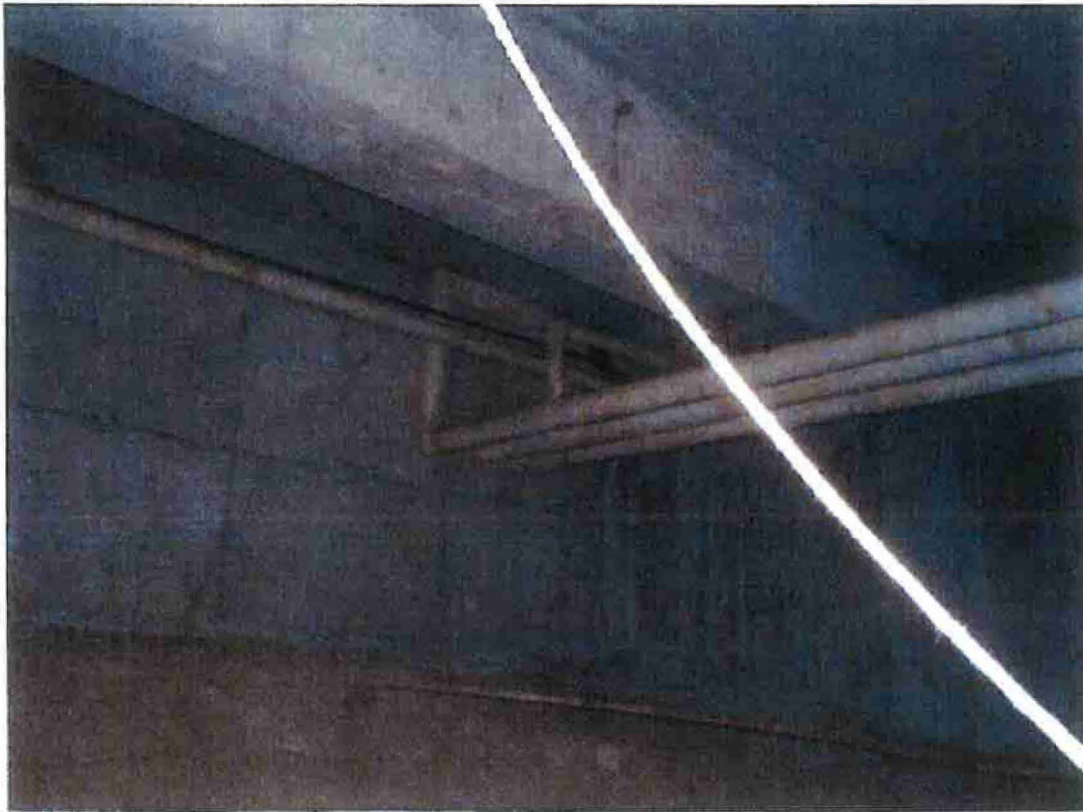
Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Women's Restroom
12" x 12" White with Tan Streak Pattern Floor Tile and Adhesive
**(Floor Tile) No Asbestos Detected, (Adhesive) Known, Asbestos-Containing
Material**
White Cove Base Molding and Adhesive
No Asbestos Detected



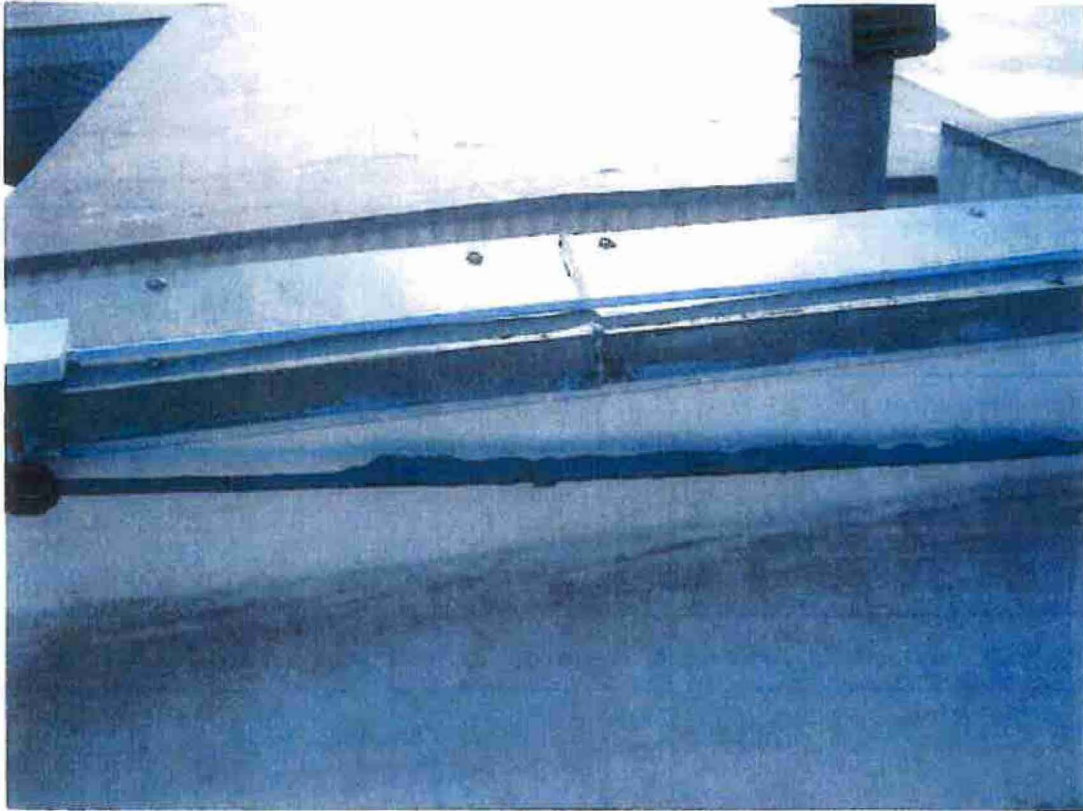
**Johnson Controls
Main Plant Building
Administrative Offices
Ground Floor, West Entrance Janitor's Closet
9" x 9" Red Floor Tile and Adhesive
(Floor Tile) Known, Asbestos-Containing Material
(Adhesive) No Asbestos Detected**



**Johnson Controls
Main Plant Building
Administrative Offices
Ground Floor, Boiler Room
Domestic Cold Water Wrapped Paper Pipe Insulation and Fittings
Domestic Hot Water Air-Cell Pipe Insulation and Fittings
Known, Asbestos-Containing Material**



**Johnson Controls
Main Plant Building
Administrative Offices
Basement Level, Crawlspace
Low-Pressure Steam Air-Cell Pipe Insulation and Fittings
Known, Asbestos-Containing Materials**



Johnson Controls
Main Plant Building
Administrative Offices
Original West Wing
Roof Cement at Electrical Conduit
Known, Asbestos-Containing Material



**Johnson Controls
Goshen, Indiana
Main Plant
2nd Floor Office by Column E8
Black with White Streaks Cove Base Molding
Know, Asbestos-Containing Material**



**Johnson Controls
Goshen, Indiana
Main Plant Building
Steam Line and Fitting
Air-Cell and Thermal Cement
Known Asbestos Containing Material**



**Johnson Controls
Goshen, Indiana
Main Plant Building
Domestic Water Line and Fittings
Wrap Paper and Thermal Cement
Known Asbestos Containing Material**



Johnson Controls
Goshen, Indiana
Main Plant Building
by Column E4
Steam and Domestic Water
Thermal Cement Fitting on Fiberglass Lines
Known Asbestos Containing Material



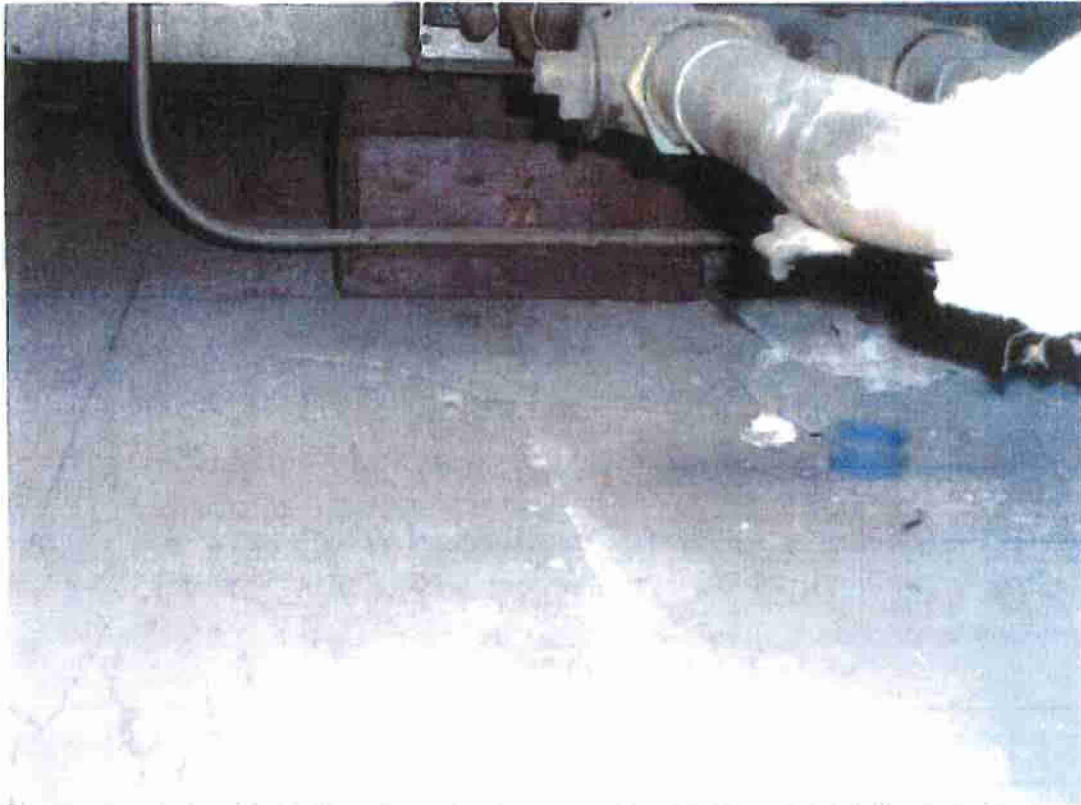
Johnson Controls
Goshen, Indiana
Main Plant Building
Boiler Room
Tape Wrap Fittings on Steam,
Soft and Domestic Water, Fiberglass Lines
Known Asbestos Containing Material



**Johnson Controls
Goshen, Indiana
Main Plant Building
Roof Level
Cement Board
Known Asbestos Containing Material**



Johnson Controls
Goshen, Indiana
Main Plant Building
Roof Level
Cement Board
Known Asbestos Containing Material



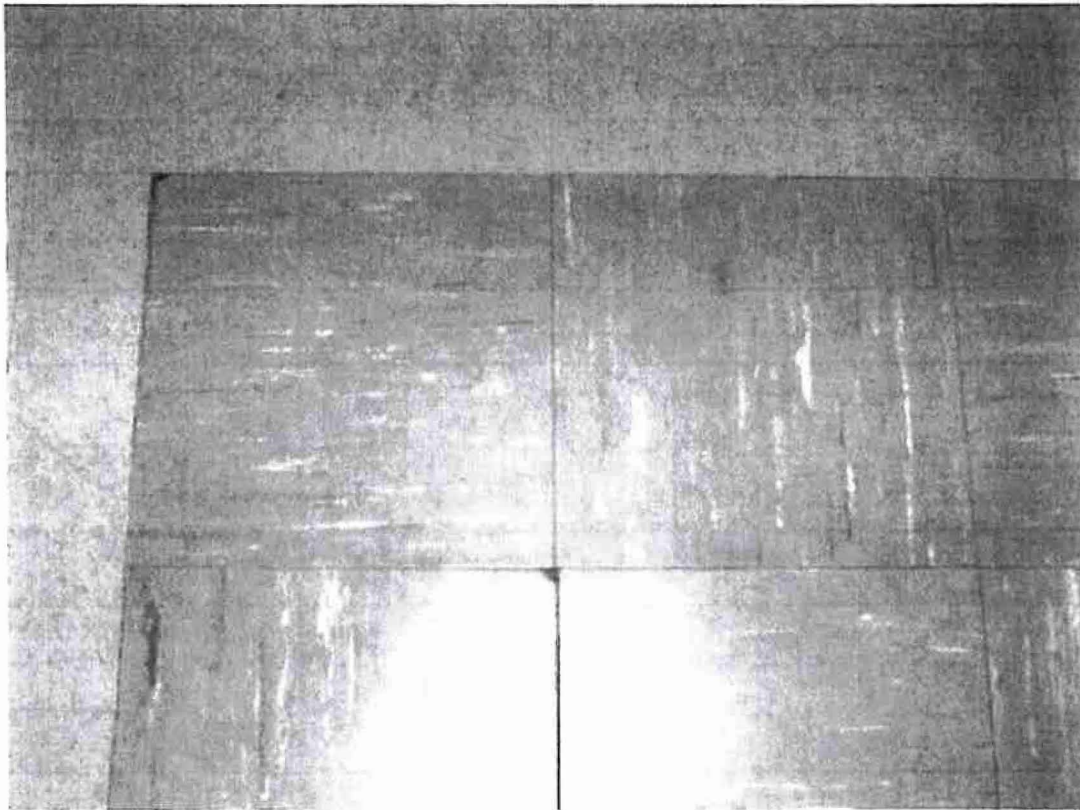
Johnson Controls
Goshen, Indiana
Main Plant Building
Attic by Column Q20
Cement Board
Known, Asbestos-Containing Material



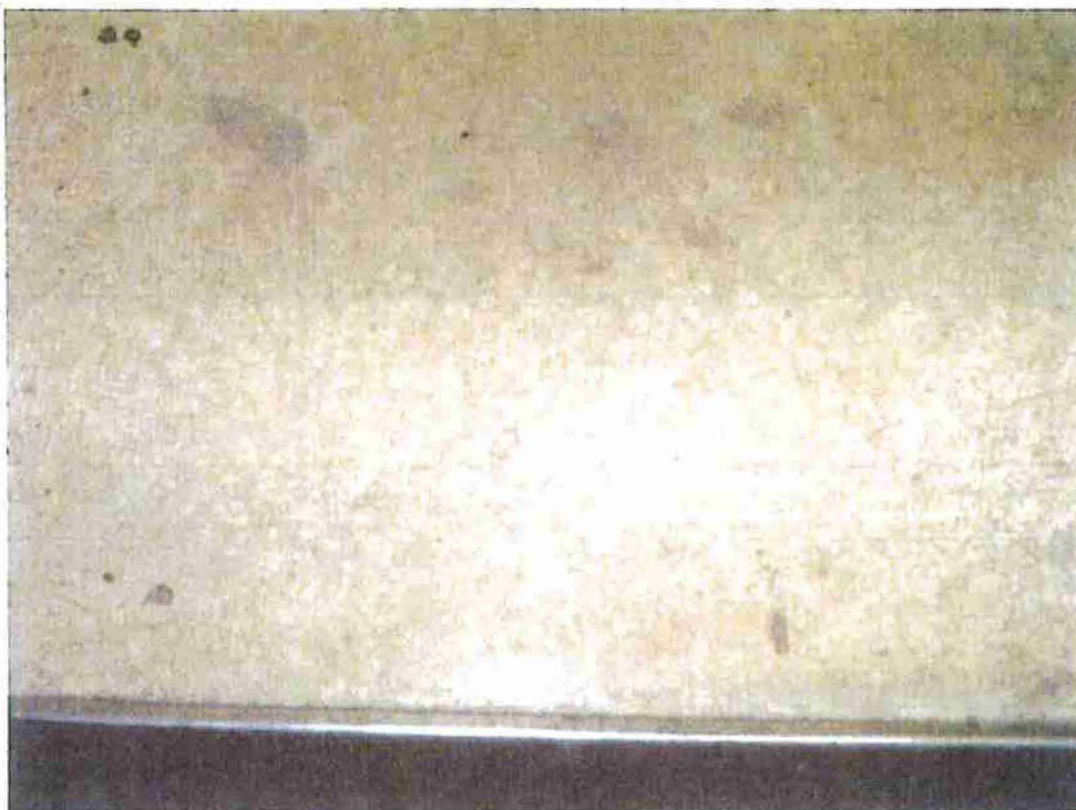
Johnson Controls
Goshen, Indiana
Main Plant Building
Attic by Column Q20
Pipe Debris
Known, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Main Plant Building
Upper Level Offices by Column E9
9" x 9" Floor Tile Brown
with White and Red Streaks and Adhesive
(Floor Tile) Known, Asbestos-Containing Material
(Tile Adhesive) No Asbestos Detected



Johnson Controls
Goshen, Indiana
Main Plant Building
Office by Column E9
9" x 9" Floor Tile Brown
with White and Red Streaks and Adhesive
(Floor Tile) Known, Asbestos-Containing Material
(Tile Adhesive) No Asbestos Detected



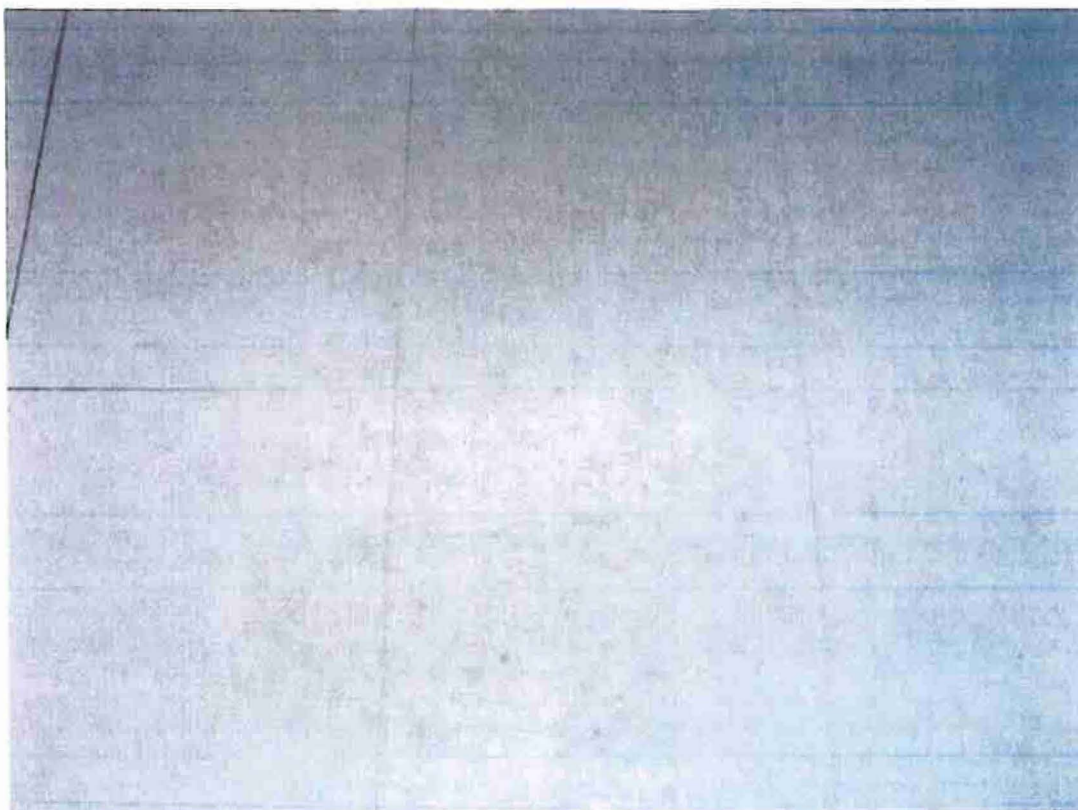
Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column D6
Cream and Grey Pebble Pattern
Sheet Vinyl Flooring and Adhesive
Known, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column B9
12" x 12" Floor Tile Grey
with Black Streaks and Adhesive
(Floor Tile) Known, Asbestos-Containing Material
(Tile Adhesive) No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column B9
12" x 12" Floor Tile Cream
with Brown and Grey Streaks and Adhesive
(Tile Adhesive) Known, Asbestos-Containing Material
(Floor Tile) No Asbestos Detected**



Johnson Controls
Goshen, Indiana
Main Plant Building
Computer Training
12" x 12" Floor Tile White
with Black Streaks and Adhesive
(Tile Adhesive) Known, Asbestos-Containing Material
(Floor Tile) No Asbestos Detected



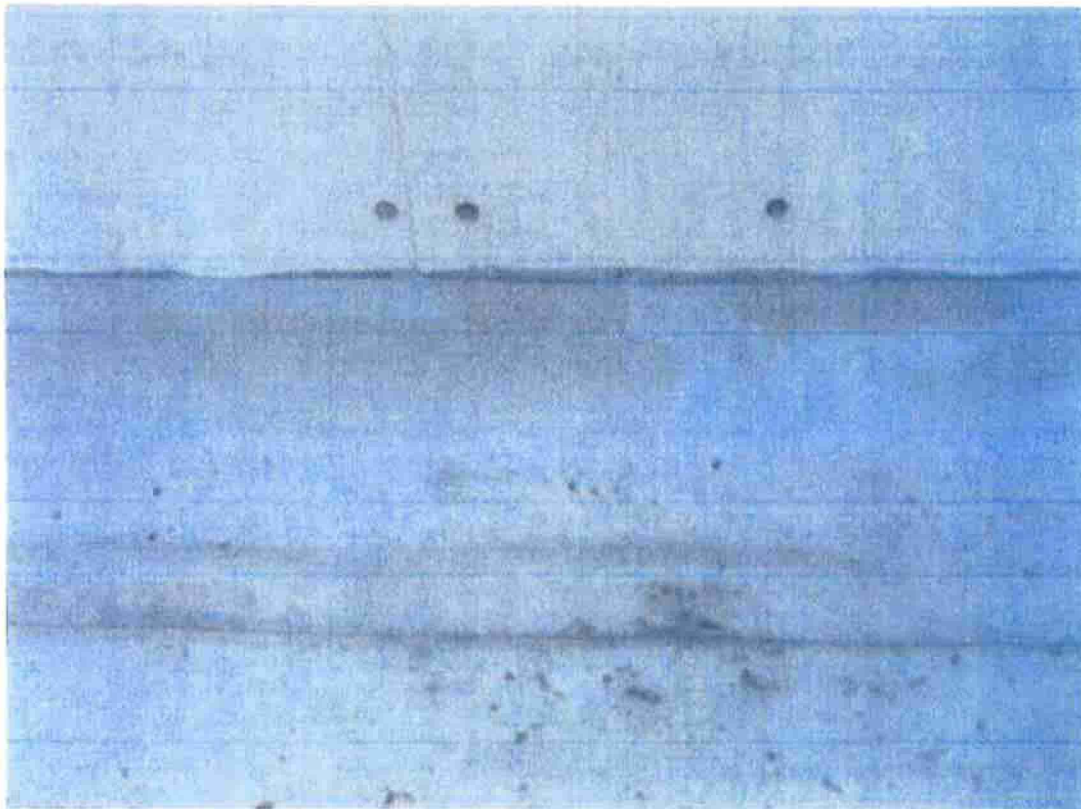
Johnson Controls
Goshen, Indiana
Main Plant Building
Inside Penthouse (PH)
Roof Flashing
Known Asbestos Containing Material



**Johnson Controls
Goshen, Indiana
Main Plant Building
Inside Penthouse (PH)
Roof Field
Known Asbestos Containing Material**



Johnson Controls
Goshen, Indiana
Main Plant Building
(Roof Field) No Asbestos Detected
(Flashing) Known, Asbestos-Containing Material



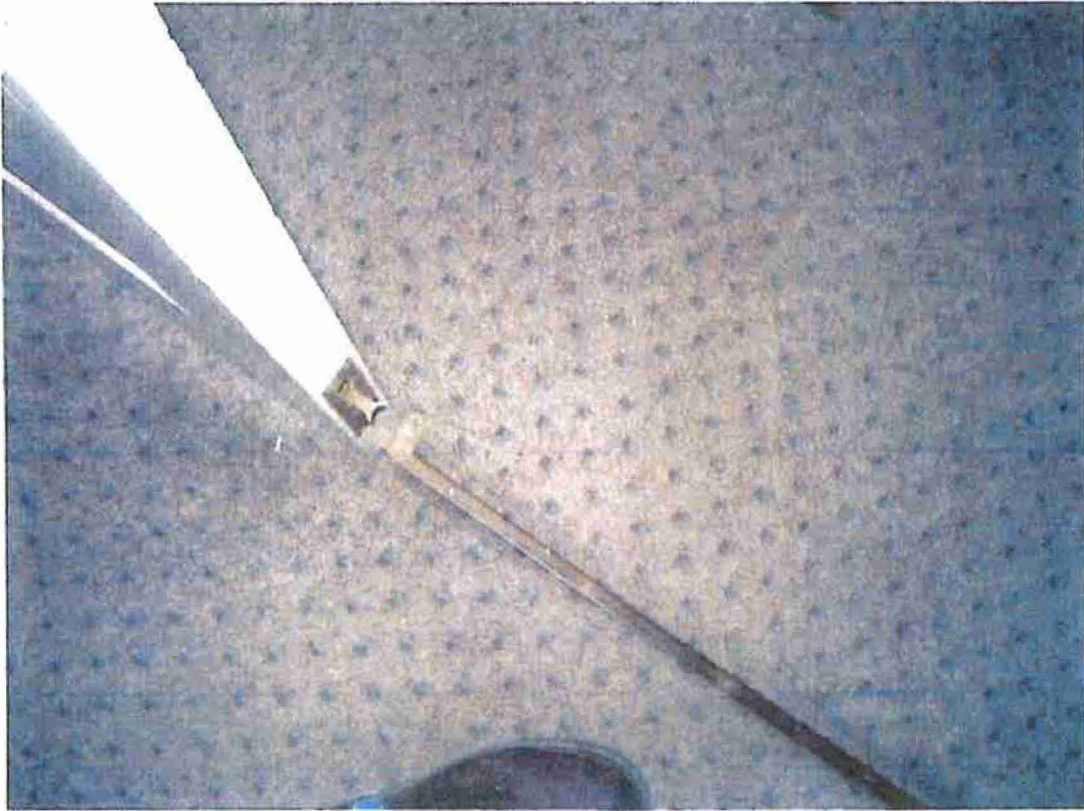
**Johnson Controls
Goshen, Indiana
Main Plant Building
East Addition (R4)
Roof Flashing
Known, Asbestos-Containing Material**



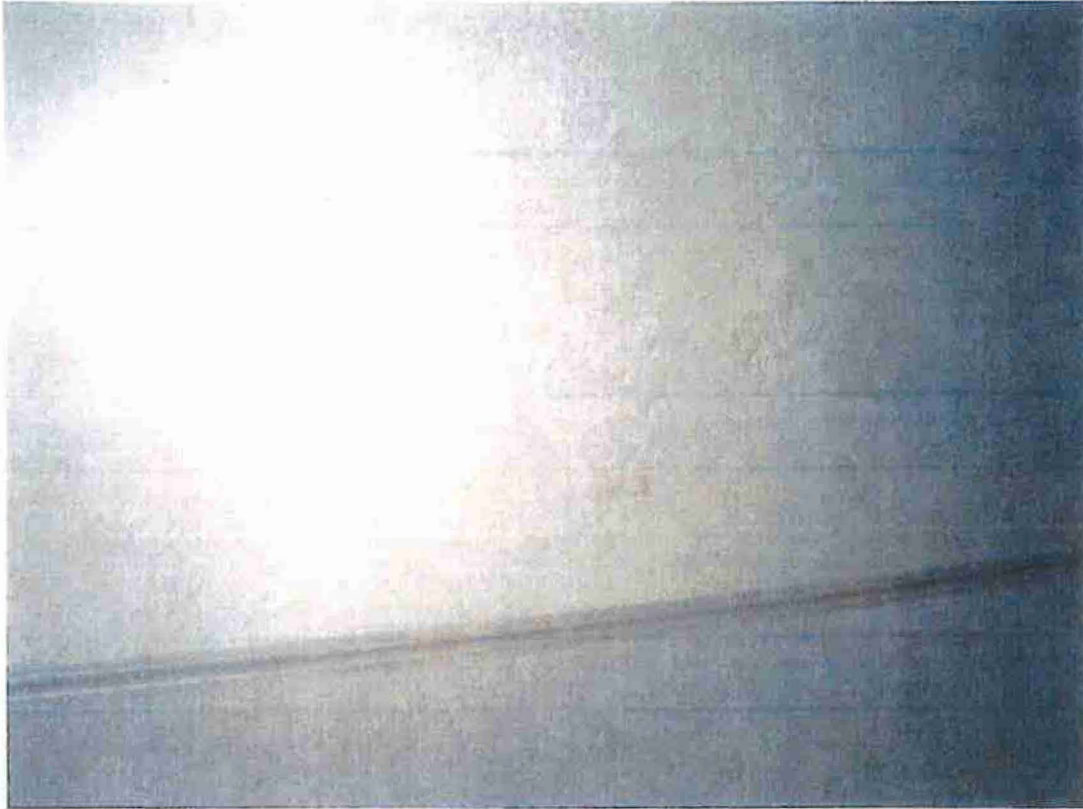
Johnson Controls
Main Plant Building
Administrative Offices
Third Floor Conference Room
12" x 12" Smooth Pattern Acoustical Tile and Adhesive
No Asbestos Detected



Johnson Controls
Main Plant Building
Administrative Offices
Third Floor Air Handling Room
Vibration Joint Cloth
No Asbestos Detected



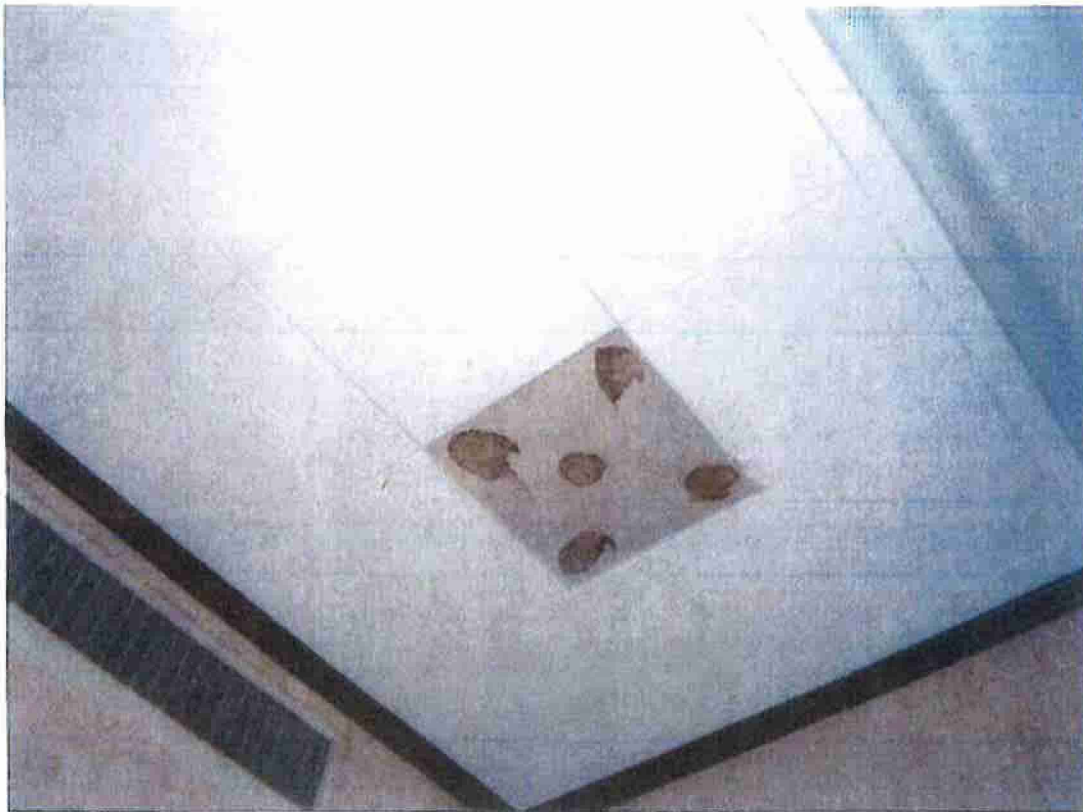
**Johnson Controls
Main Plant Building
Administrative Offices
Third Floor Conference Room
Carpet Adhesive
No Asbestos Detected**



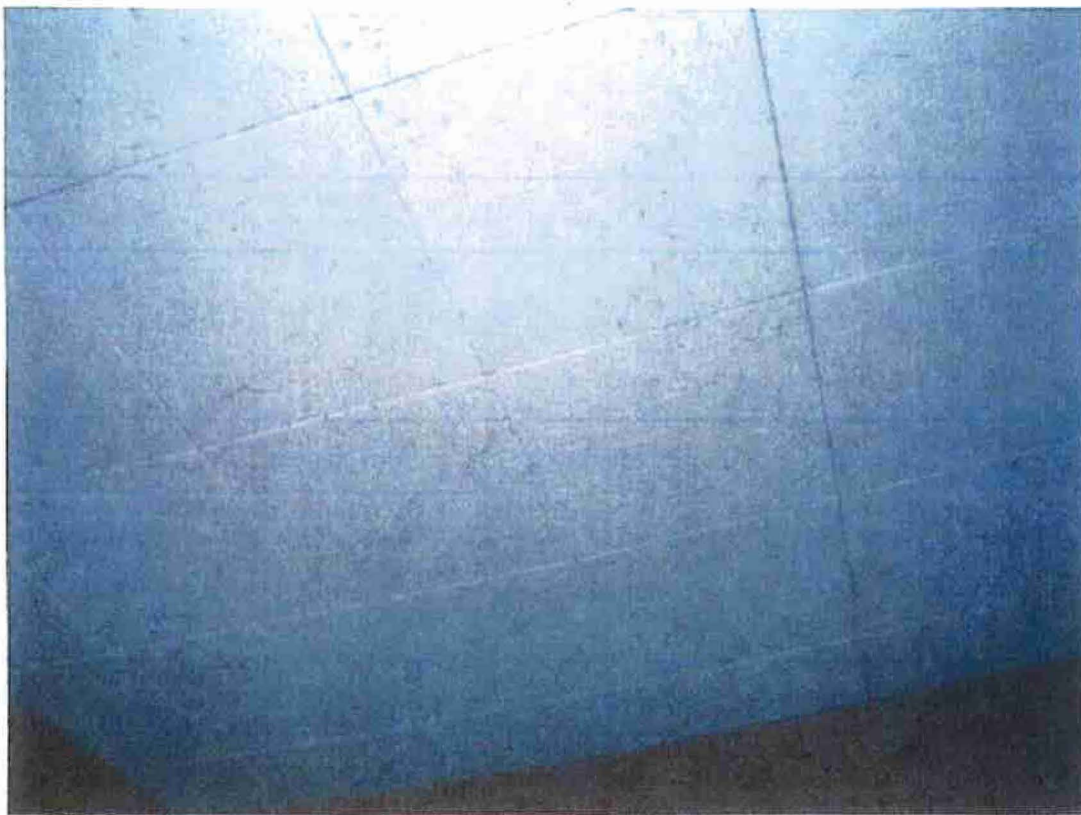
**Johnson Controls
Main Plant Building
Administrative Offices
Third Floor Conference Room
Hardwall Plaster
No Asbestos Detected**



Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Room 89
12" x 12" Large Pinhole Pattern Acoustical Tile and Adhesive
No Asbestos Detected



Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Room 81
12" x 12" Fissured Pattern Acoustical Tile and Adhesive
No Asbestos Detected



Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Room 81
12" x 12" Fissured Pattern Acoustical Tile and Adhesive
No Asbestos Detected



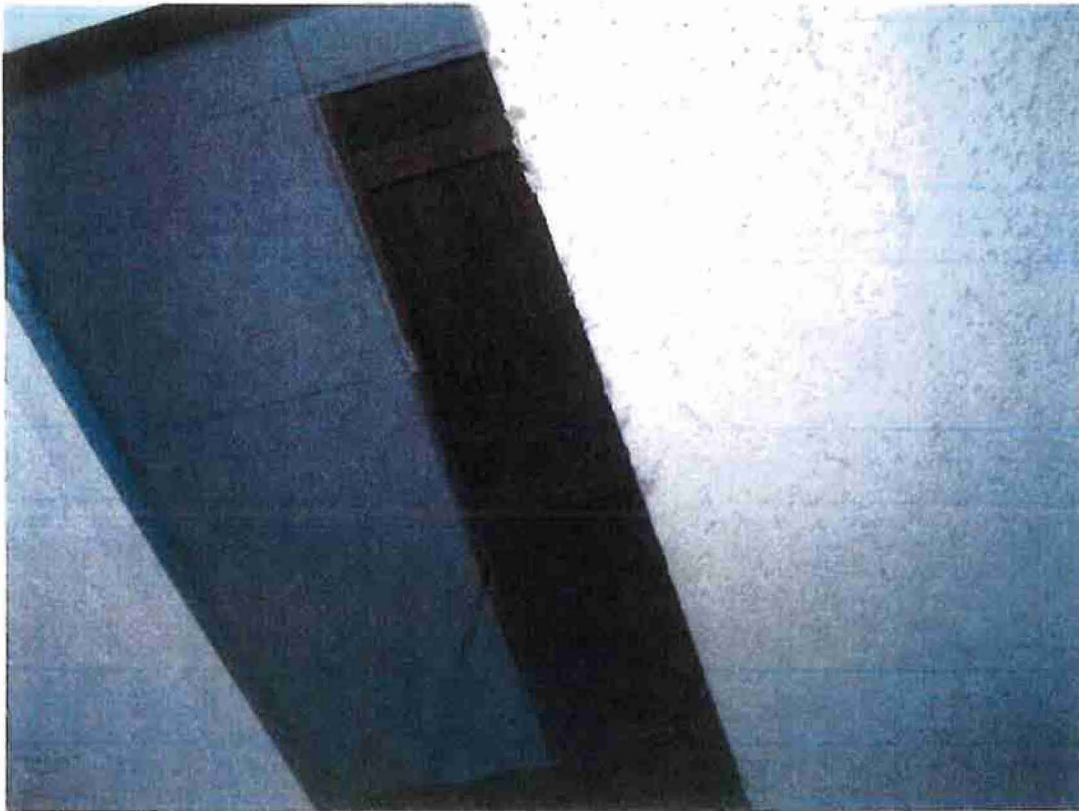
**Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Room 81
Drywall and Associated Joint Compound
No Asbestos Detected**



**Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Room 80
12" x 12" Deep Fissured Pattern Acoustical Tile and Adhesive
No Asbestos Detected**



Johnson Controls
Main Plant Building
Administrative Offices
Second Floor, Hallway
Acoustical Plaster Ceiling
No Asbestos Detected



Johnson Controls
Main Plant Building
Administrative Offices
Lower Level, Room 252
2' x 4' Fissure and Pinhole Pattern Ceiling Tile and
12" x 12" Pinhole Pattern Acoustical Tile
No Asbestos Detected



**Johnson Controls
Main Plant Building
Administrative Offices
Ground Level, Room 66
12" x 12" Grey with White Streak Pattern Floor Tile and Adhesive
No Asbestos Detected**



Johnson Controls
Main Plant Building
Administrative Offices
Basement Level, Storage Room
Cabinet Insulation
No Asbestos Detected



Johnson Controls
Main Plant Building
Administrative Offices
East Addition
Rubber Membrane over Asphalt Roof Field and Flashing
No Asbestos Detected



**Johnson Controls
Main Plant Building
Administrative Offices
Original West Wing
Rubber Membrane over Asphalt Roof Field and Flashing
No Asbestos Detected**



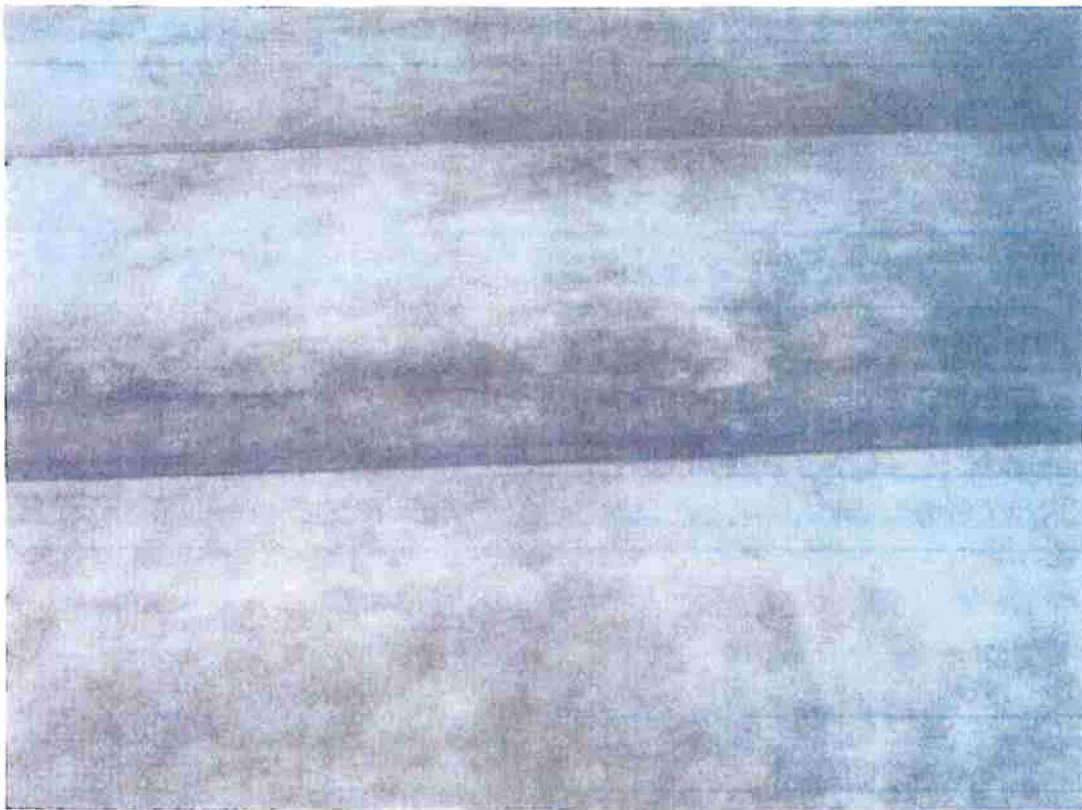
**Johnson Controls
Main Plant Building
Administrative Offices
Original West Wing
Exterior Window Caulk
No Asbestos Detected**



**Johnson Controls
Main Plant Building
Administrative Offices
Walkway to Engineering Building
Rubber Membrane over Metal Roof
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Main Plant Building
1967 Addition
Roof Field, Flashing and Patches
No Asbestos Detected**



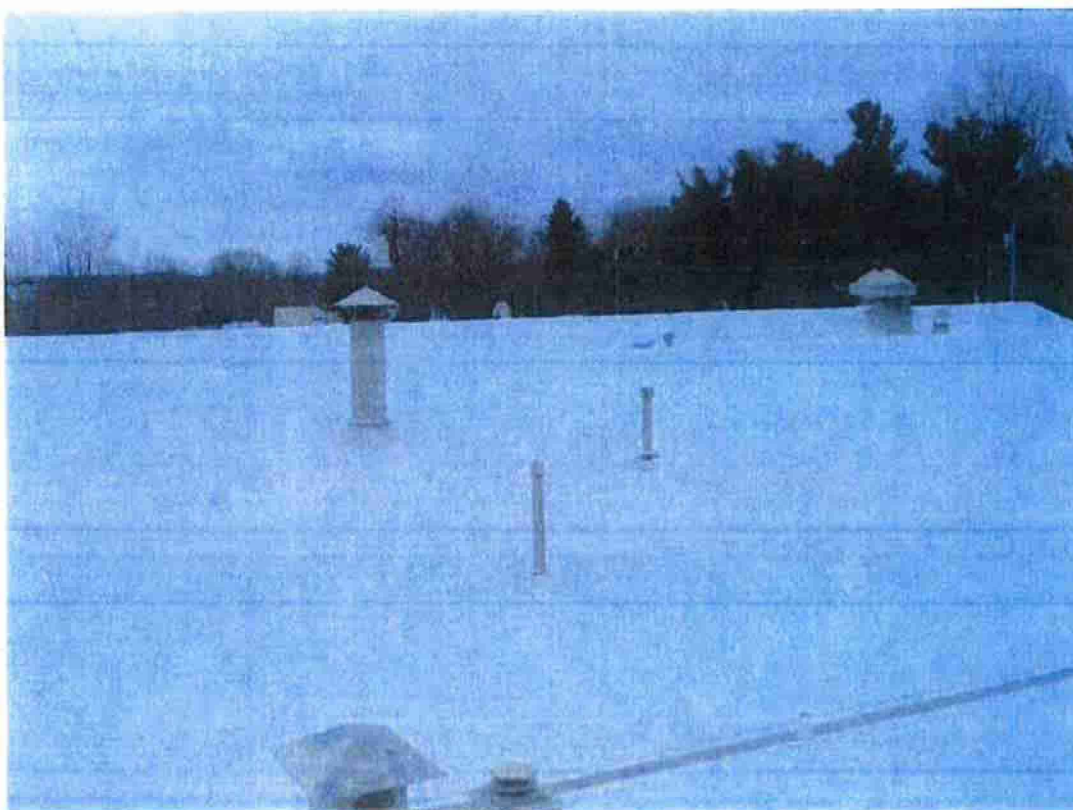
**Johnson Controls
Goshen, Indiana
Main Plant Building
Former Tool and Die Area (R3)
Roof Field
No Asbestos Detected**



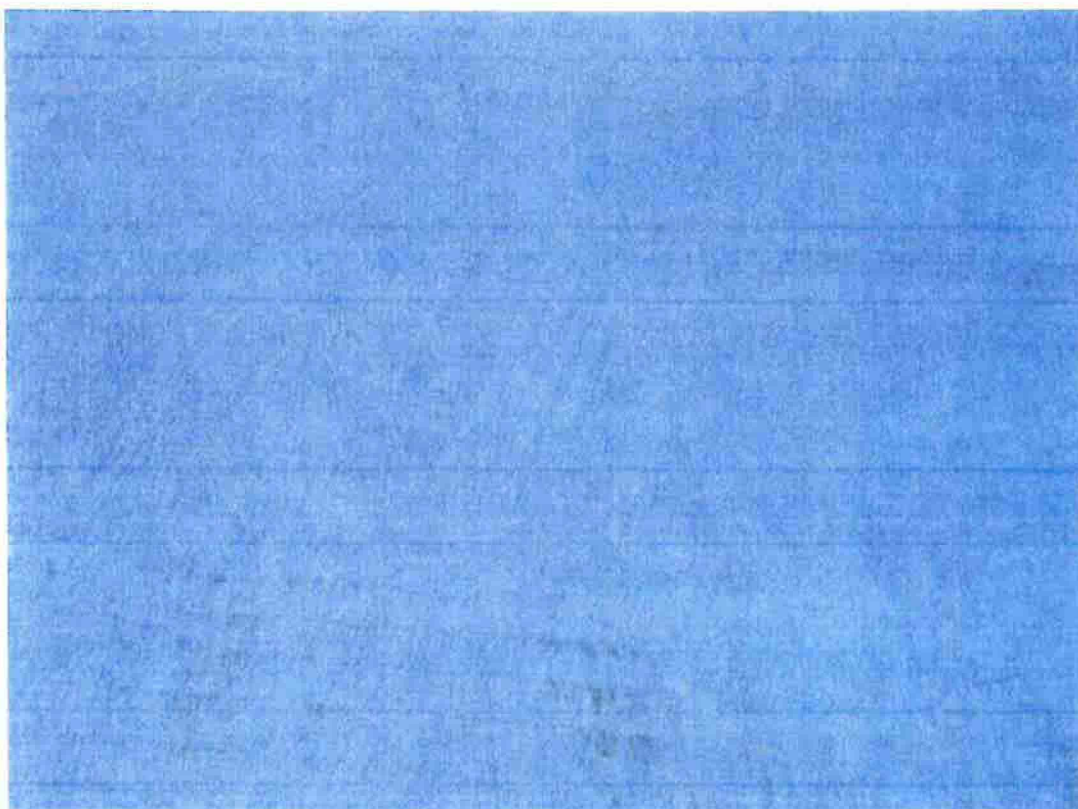
Johnson Controls
Goshen, Indiana
Main Plant Building
Former Tool and Die Area (R3)
Roof Flashing
No Asbestos Detected



Johnson Controls
Goshen, Indiana
Main Plant Building
East Addition (R4)
Roof Field
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Main Plant Building
Southeast Corner
Roof Field – Rubber/Styrofoam over metal
No Suspect Material Identified**



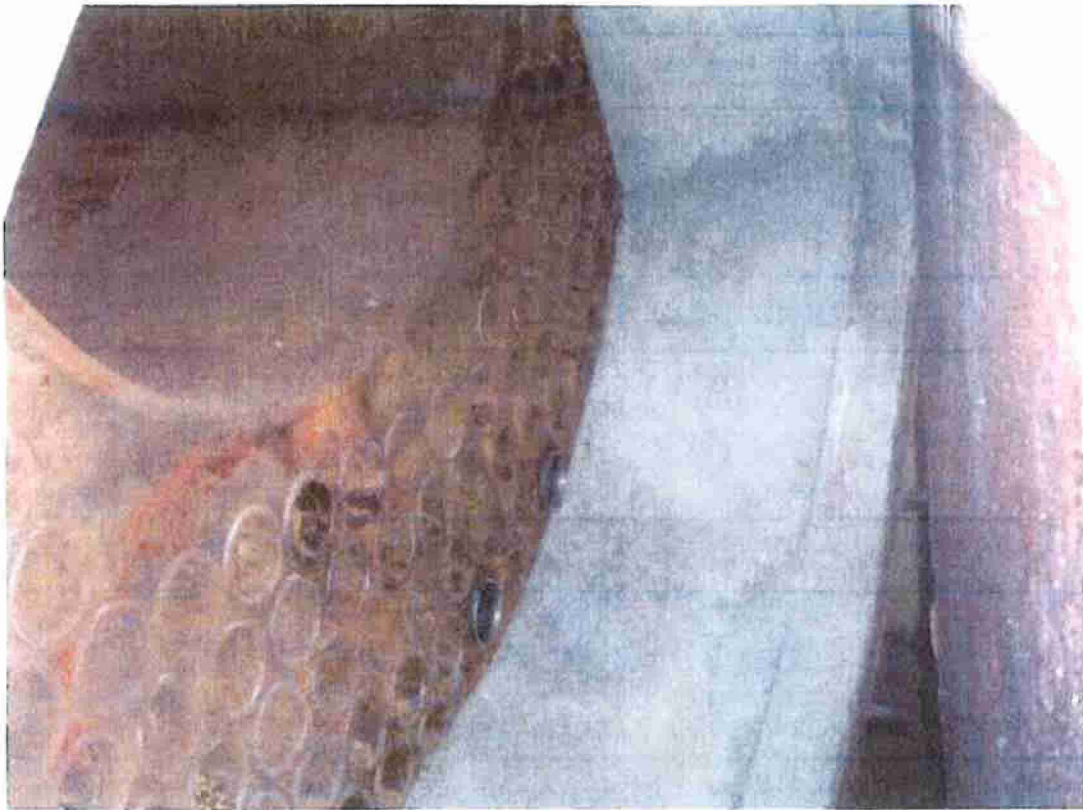
Johnson Controls
Goshen, Indiana
Main Plant Building
Over Frontier Plastics and Tool and Die Dept. (MR)
Roof Field
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Main Plant Building
Inside Penthouse
Tar Felt under Cement Board
No Asbestos Detected**



Johnson Controls
Goshen, Indiana
Main Plant Building
Boiler Room
Thermal Cement inside Boiler
No Asbestos Detected



Johnson Controls
Goshen, Indiana
Main Plant Building
Boiler Room
Thermal Cement on Boiler Door
No Asbestos Detected



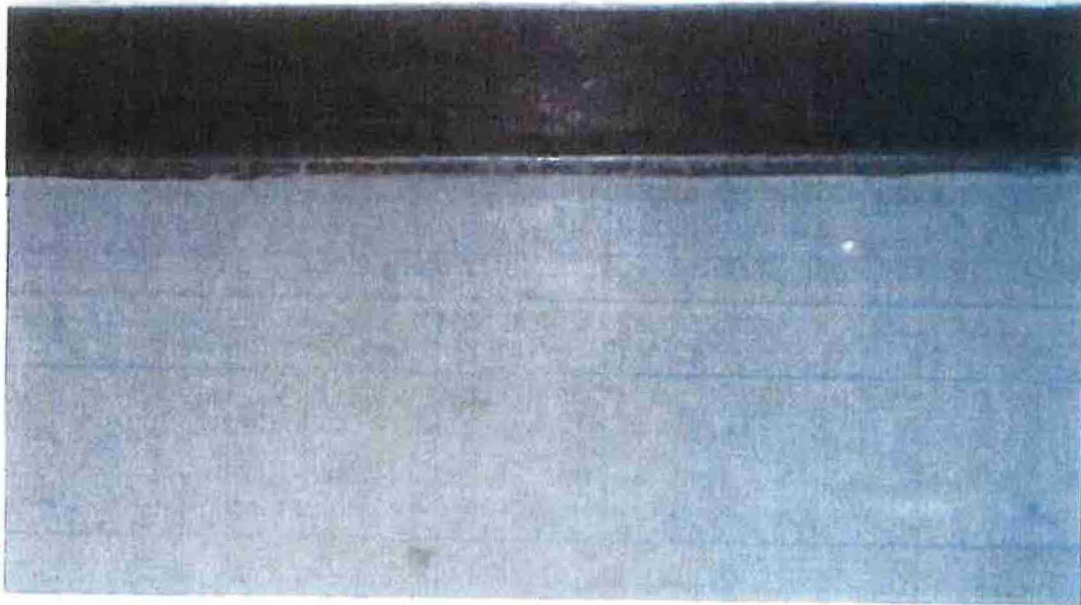
**Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column D6
6" Black Cove Base and Adhesive
No Asbestos Detected**



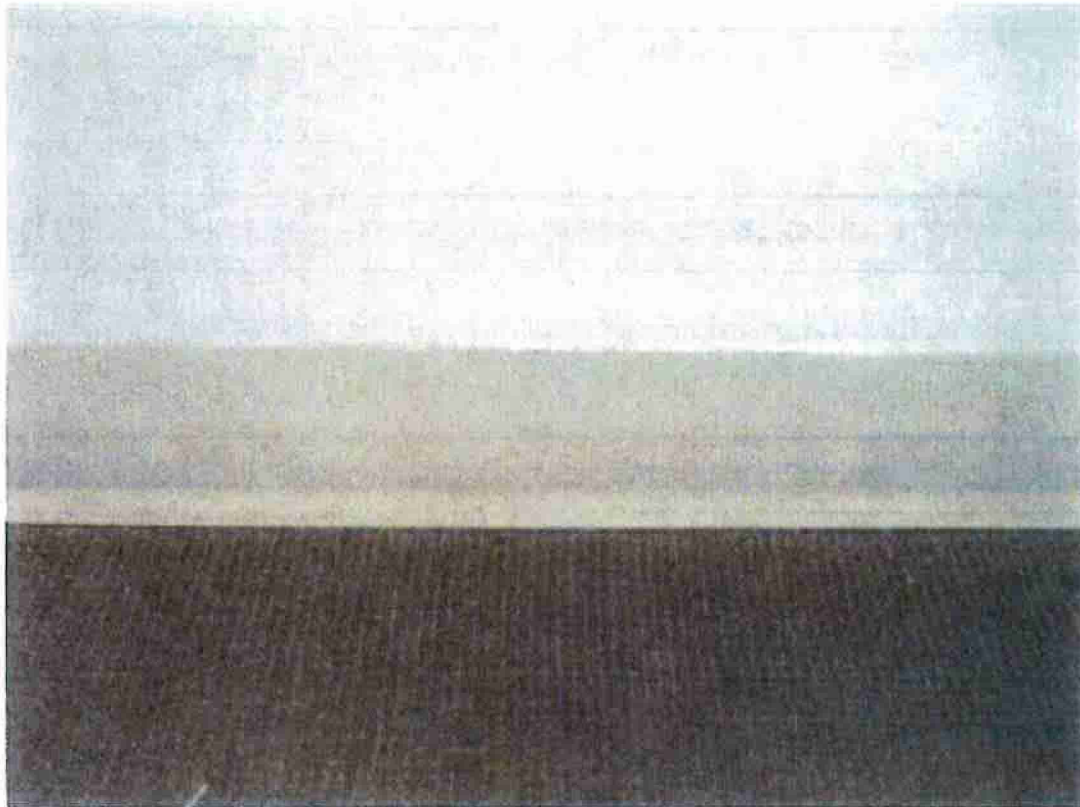
**Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column D12
6" Brown Cove Base and Adhesive
No Asbestos Detected**



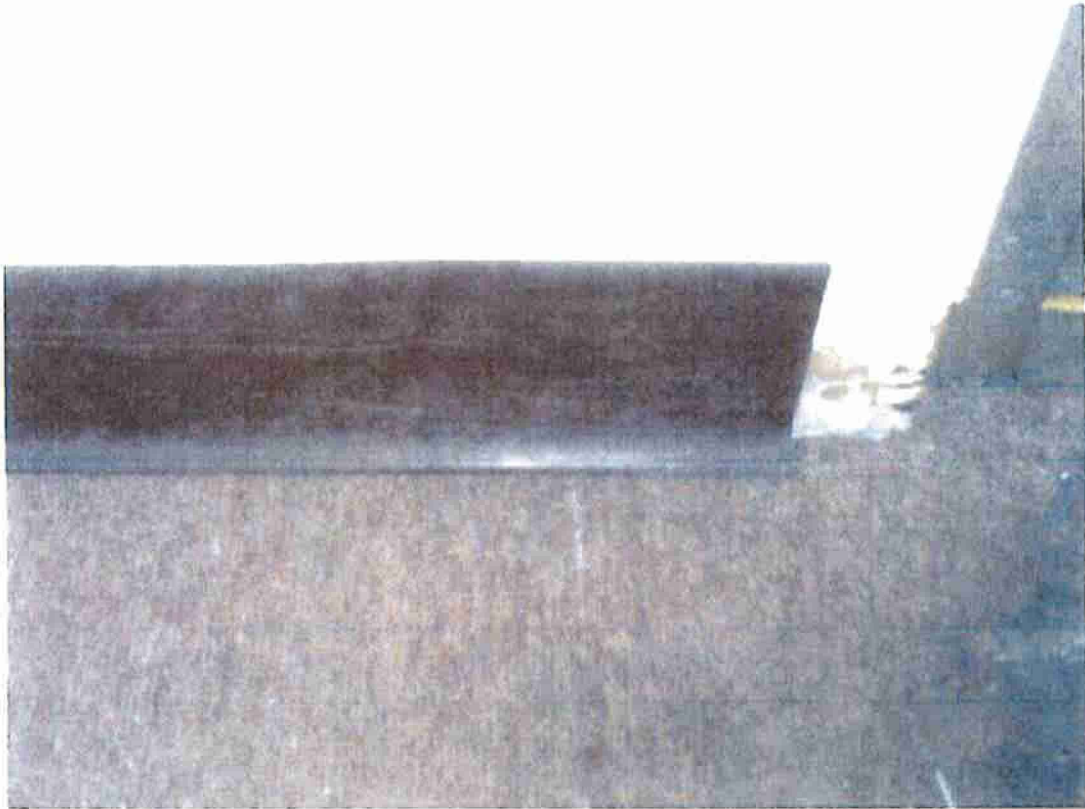
Johnson Controls
Coshen, Indiana
Main Plant Building
Office by Column 16
Beige Cove Base Molding and Adhesive
No Asbestos Detected



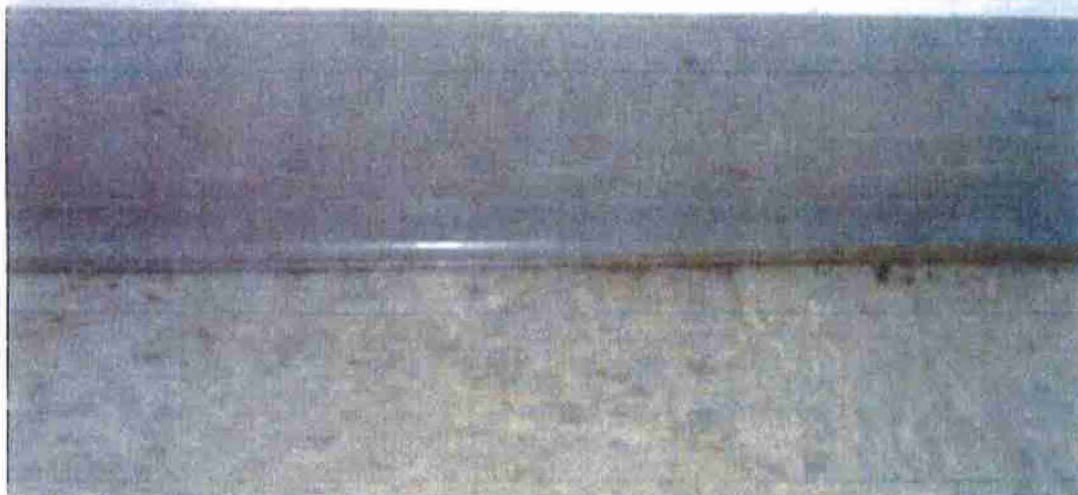
Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Men's Restroom by Column B13
Black Cove Base Molding and Adhesive
No Asbestos Detected



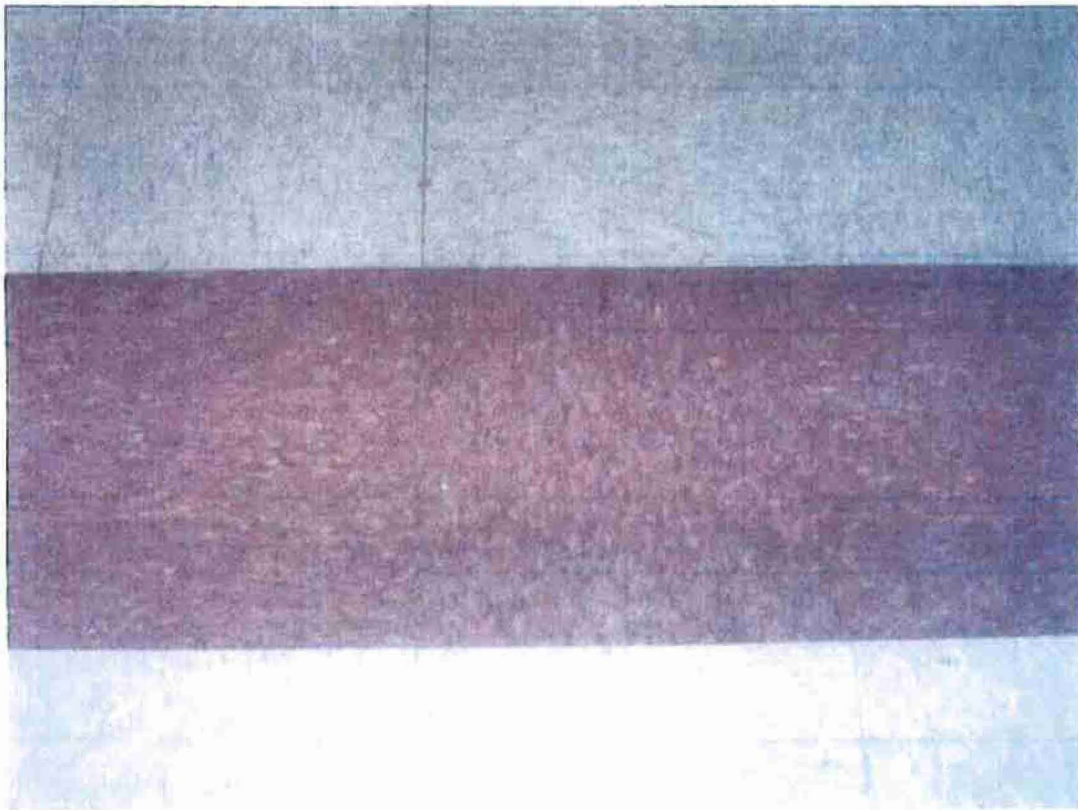
Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column A6
White Cove Base Molding and Adhesive
No Asbestos Detected



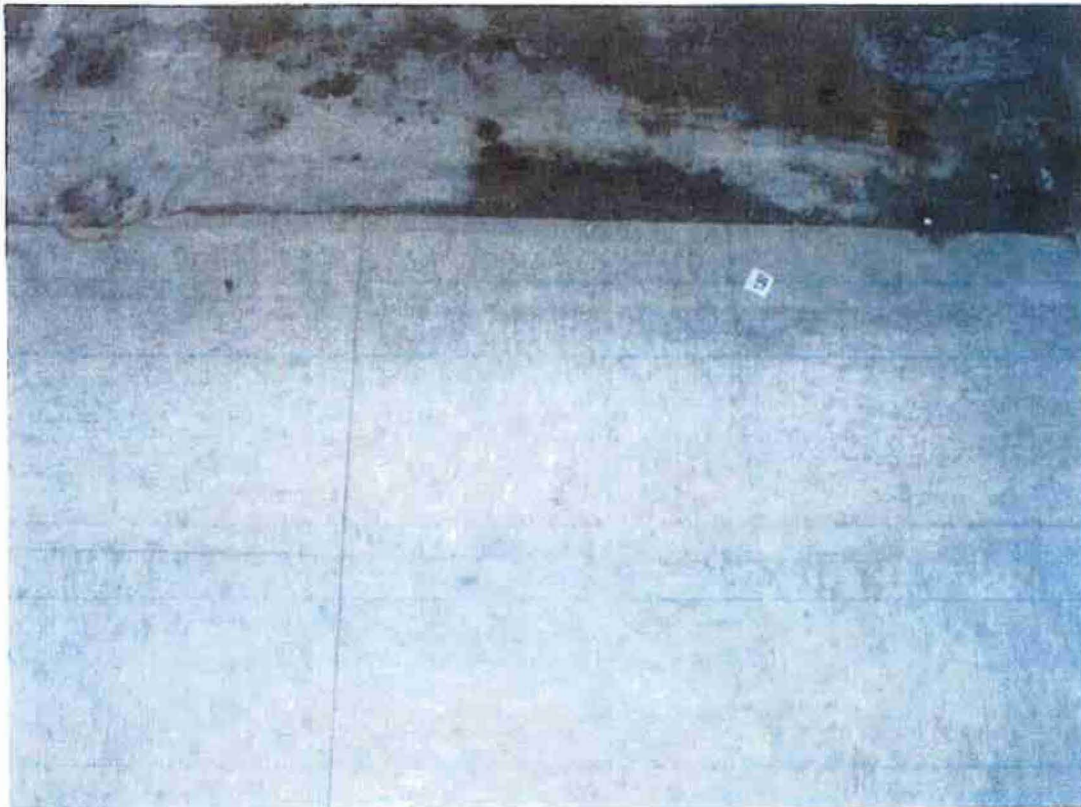
**Johnson Controls
Goshen, Indiana
Main Plant Building
Office by Column C13
Brown Cove Base Molding and Adhesive
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Main Plant Building
Office at Column M15
Grey Cove Base Molding and Adhesive
No Asbestos Detected**



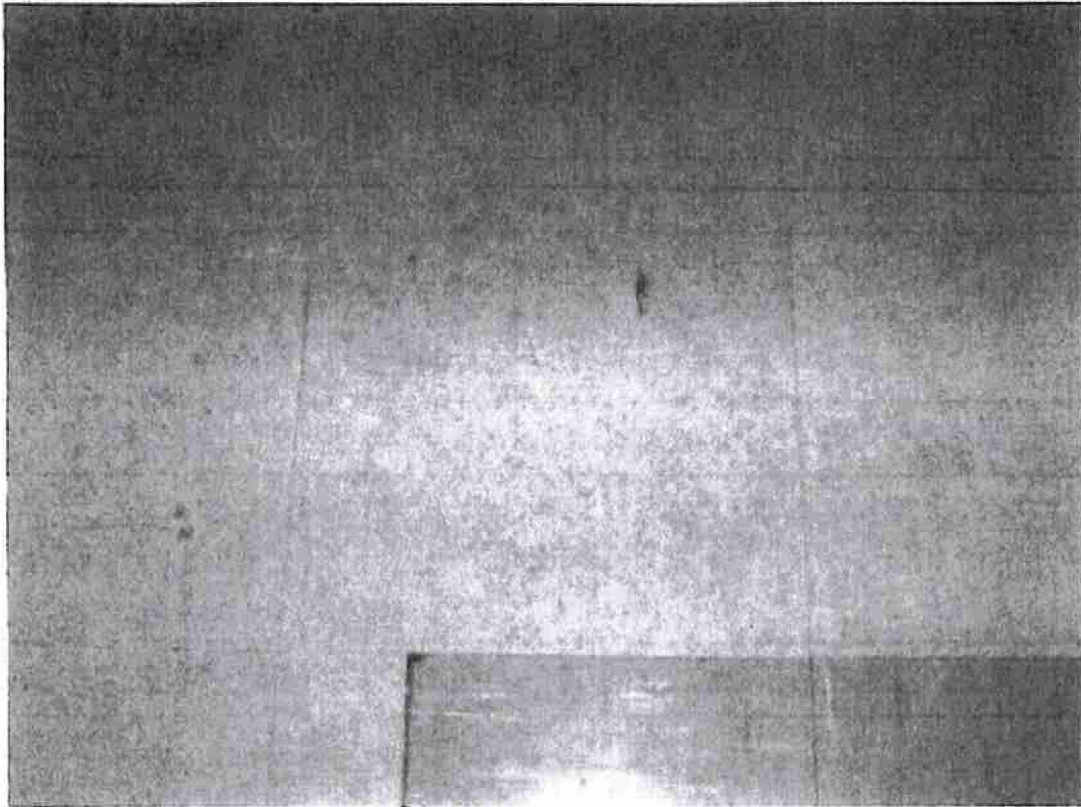
**Johnson Controls
Goshen, Indiana
Main Plant Building
Break Room
12' x 12" Floor Tile Red with
White Streaks and Adhesive
No Asbestos Detected**



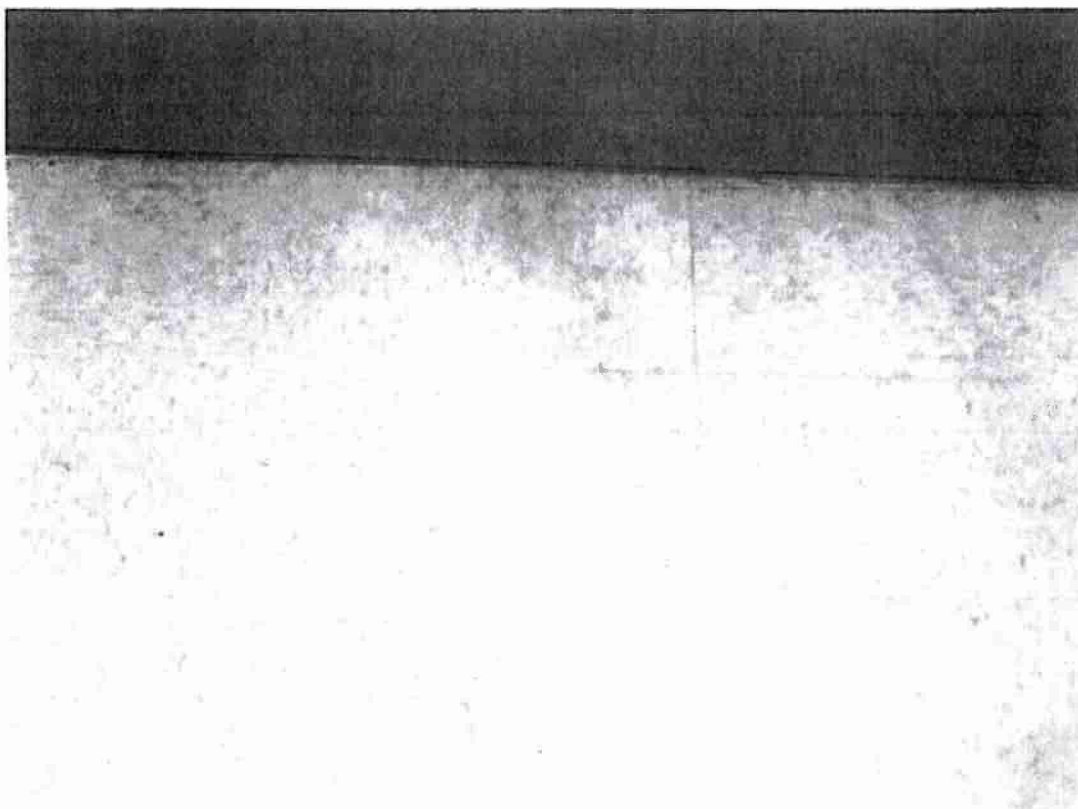
Johnson Controls
Goshen, Indiana
Main Plant Building
Break Room
12' x 12" Floor Tile Grey with
White Streaks and Adhesive
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Main Plant Building
Office by Column R23
12" x 12" Floor Tile Dark Grey
with Black, White and Brown Specks and Adhesive
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Main Plant Building
Office by Column R23
12" x 12" Floor Tile Beige
With Black Specks and Adhesive
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Main Plant Building
Office by Column B12
12" x 12" Floor Tile Grey
with Black and White Specks and Adhesive
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Main Plant Building
Office by Column B12
12" x 12" Floor Tile Tan
with Red and White Streaks and Adhesive
No Asbestos Detected**



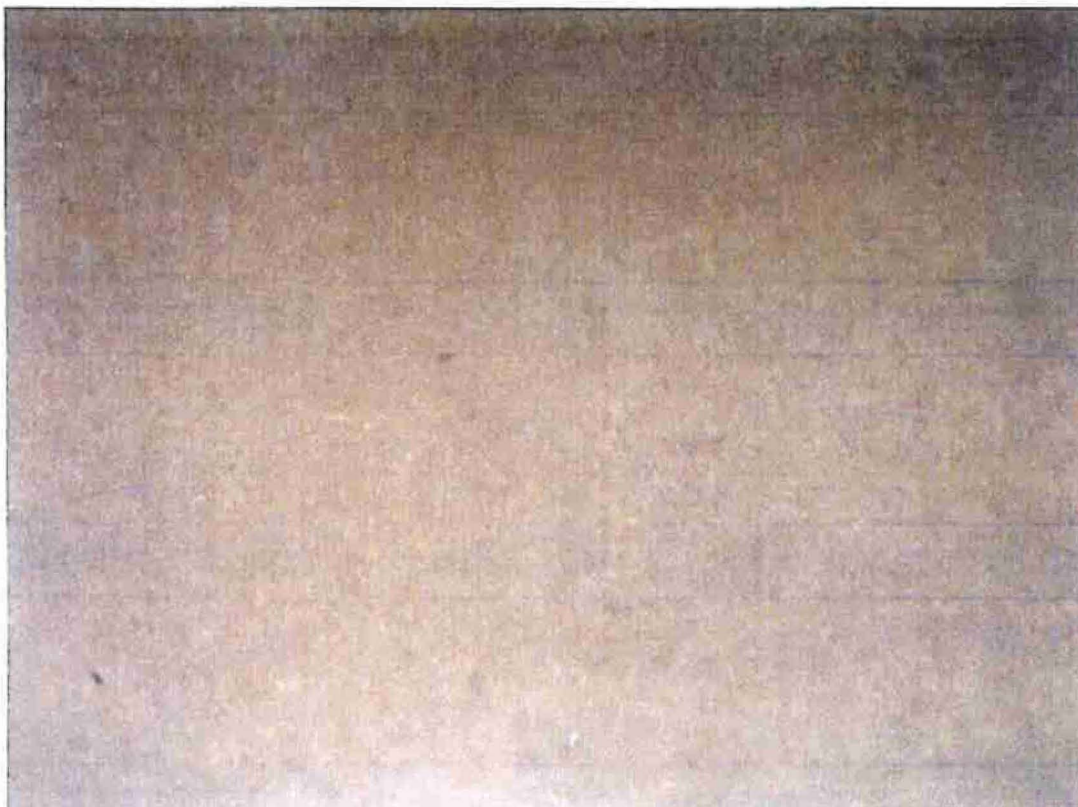
Johnson Controls
Goshen, Indiana
Main Plant Building
Office by Column R23
12" x 12" Floor Tile Grey
with White and Brown Swirls and Adhesive
No Asbestos Detected



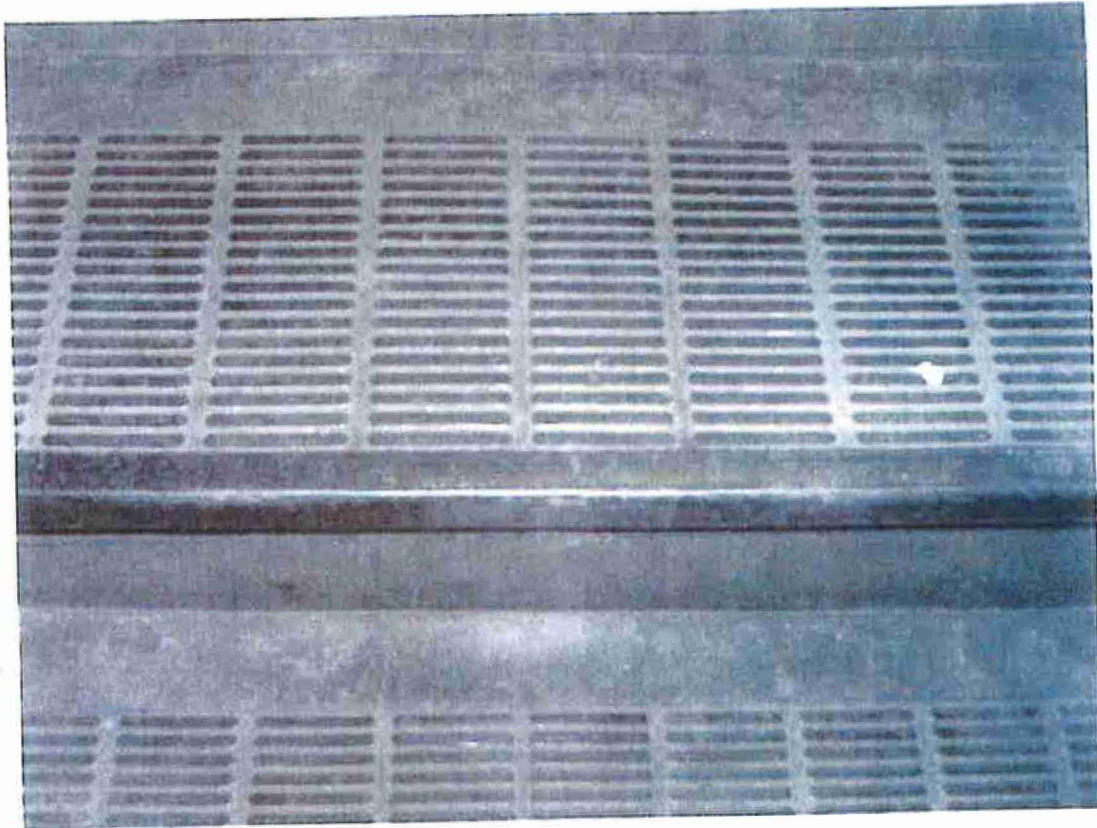
Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column B9
12" x 12" Floor Tile Orange
with Black Streaks and Adhesive
No Asbestos Detected



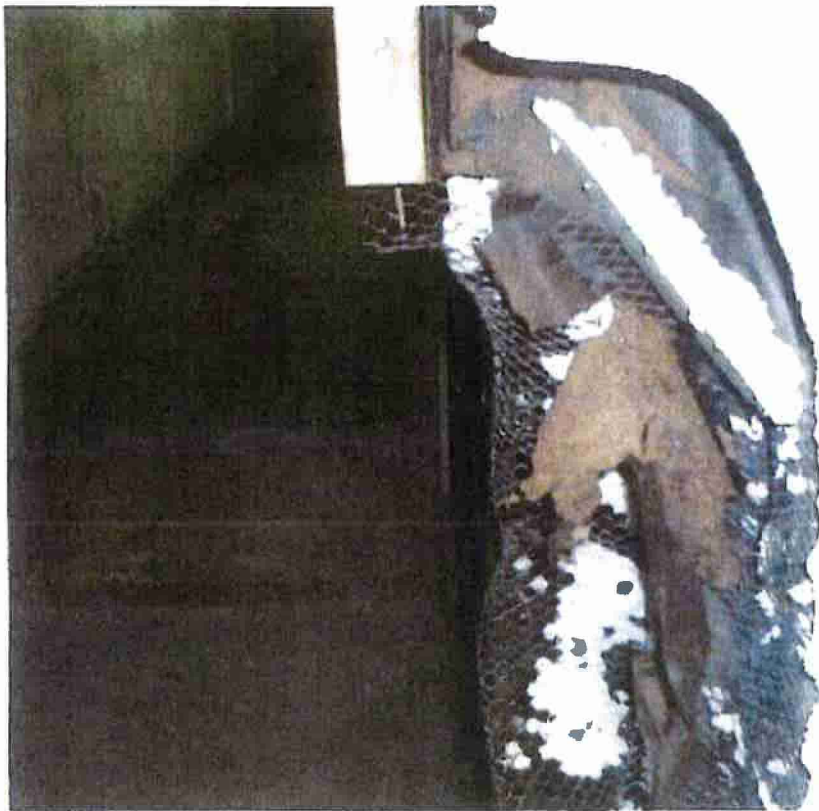
**Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column B9
12" x 12" Floor Tile Tan
with Red and White Streaks and Adhesive
No Asbestos Detected**



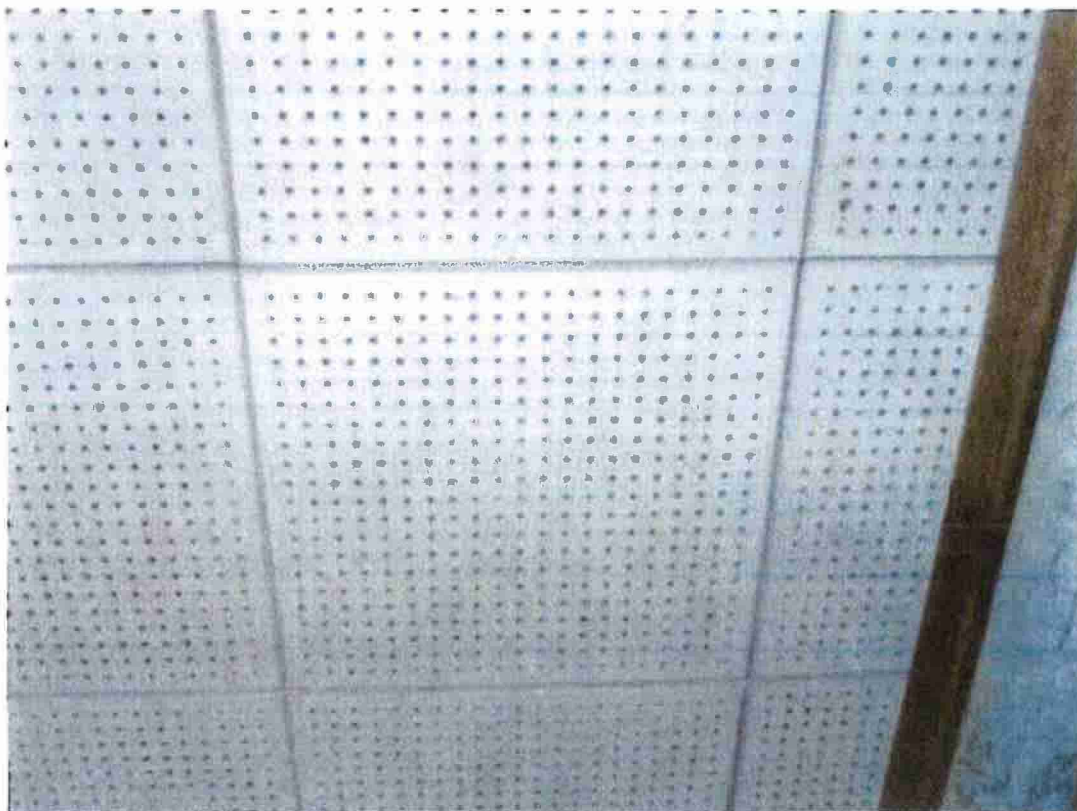
**Johnson Controls
Goshen, Indiana
Main Plant Building
Office by Column C11
12" x 12" Floor Tile Brown
with Dark Brown and Tan Streaks and Adhesive
No Asbestos Detected**



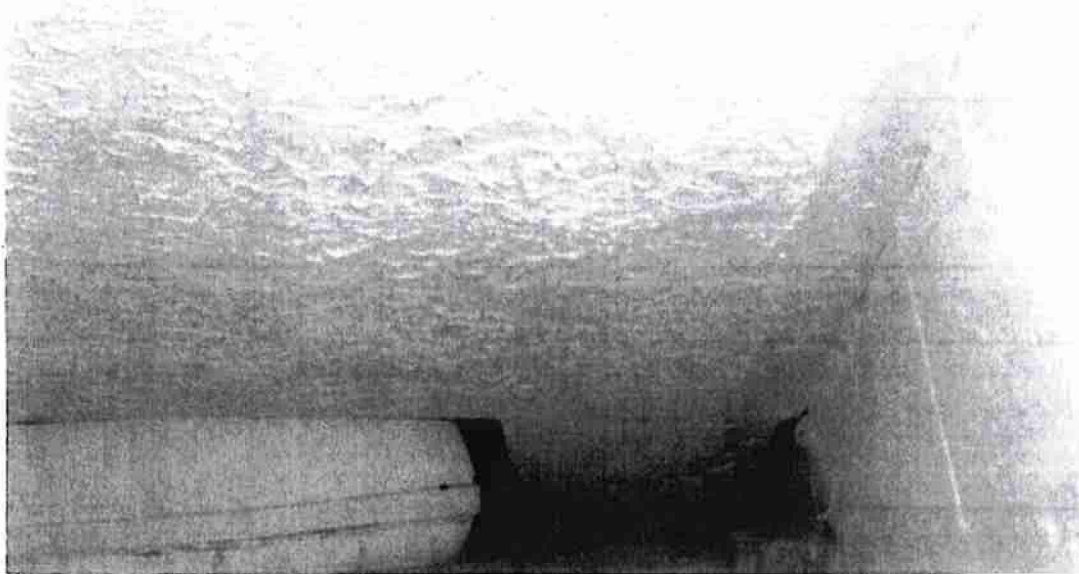
**Johnson Controls
Goshen, Indiana
Main Plant Building
By Column H6
Stair tread and Adhesive
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column E9
Hardwall Plaster
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column F1
Acoustical Ceiling Tile
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Main Plant Building
Room by Column H8
Ceiling Texture
No Asbestos Detected**



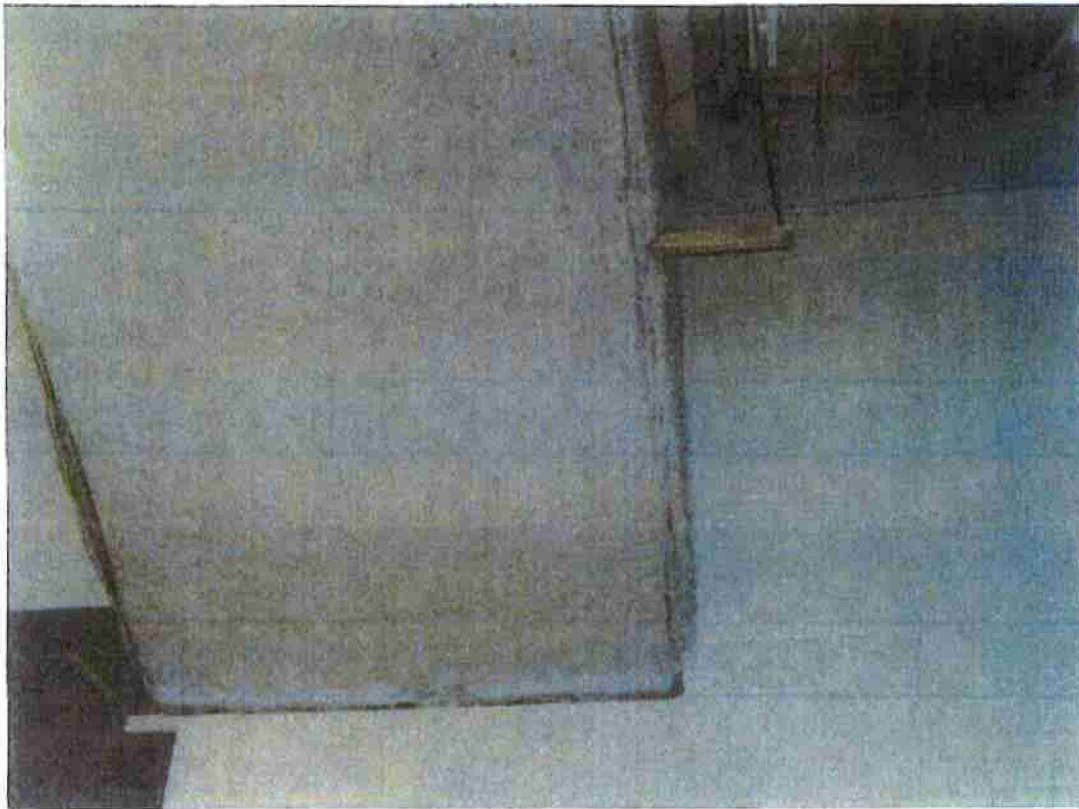
**Johnson Controls
Goshen, Indiana
Main Plant Building
by Column H6
Drywall and Associate Joint Compound
No Asbestos Detected**



Johnson Controls
Goshen, Indiana
Main Plant Building
Acoustical Ceiling Tile (Spline)
2nd Floor office by Column F1
No Asbestos Detected



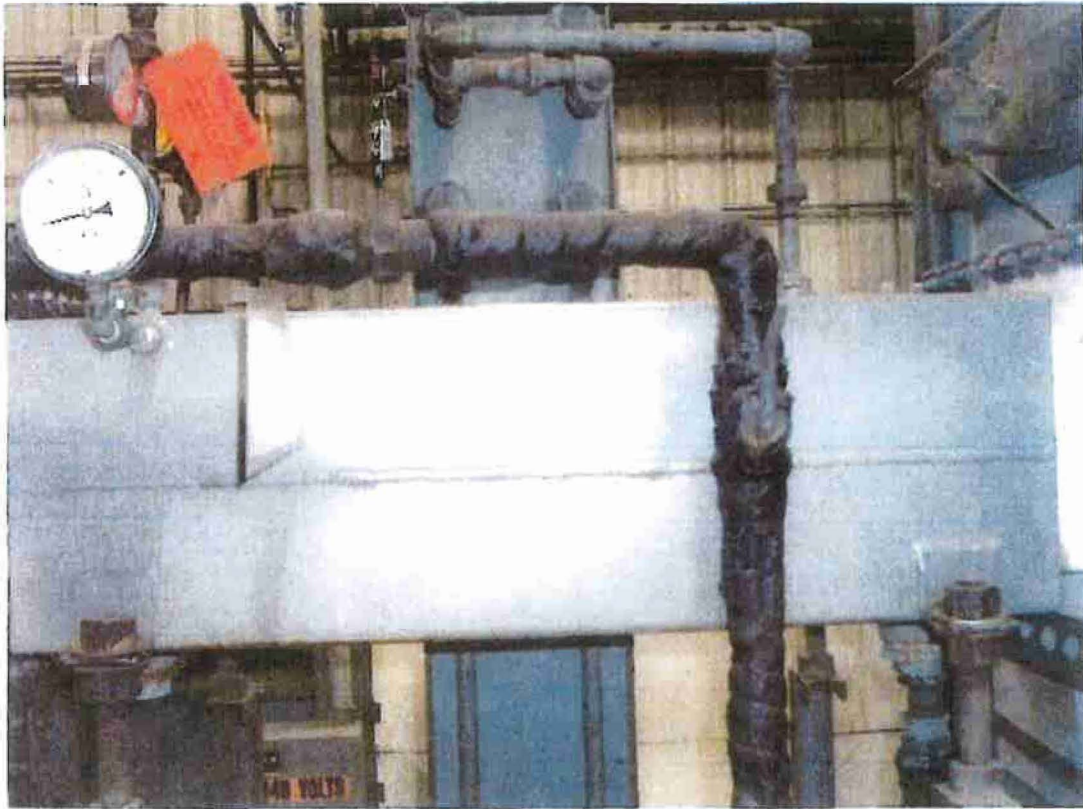
Johnson Controls
Goshen, Indiana
Main Plant Building
Lab by Column G25
Laptop
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Main Plant Building
By Column PQ15
Spray-on Fireproofing
No Asbestos Detected**



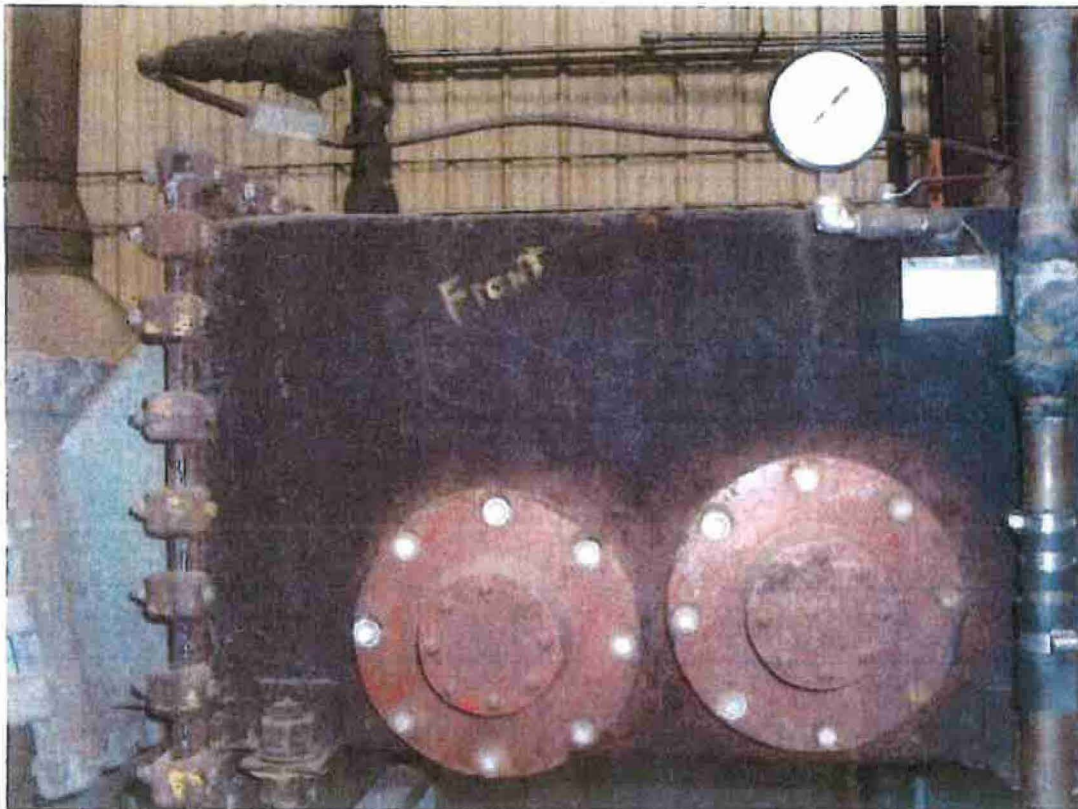
Johnson Controls
Goshen, Indiana
Main Plant Building
Attic by Column Q20
Oven Door Insulation
Heat Treat
No Asbestos Detected



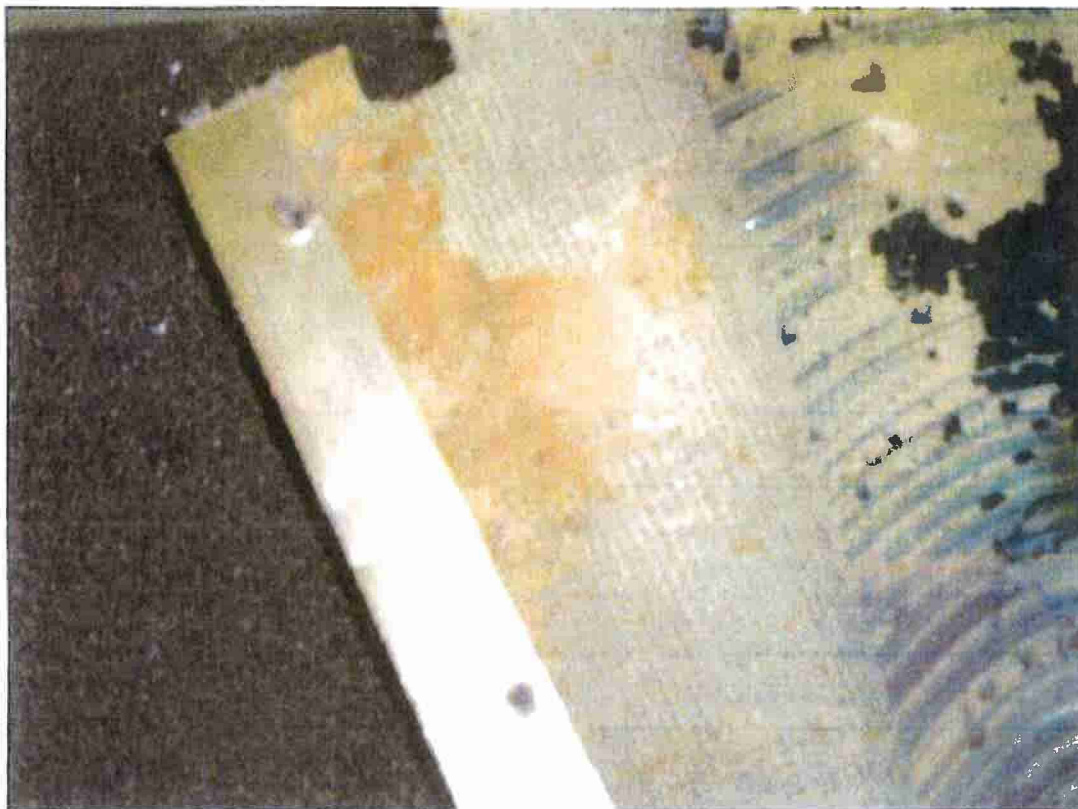
Johnson Controls
Goshen, Indiana
Main Plant Building
Attic by Column Q20
Tar/Tape Pipe Wrap
Heat Treat
No Asbestos Detected



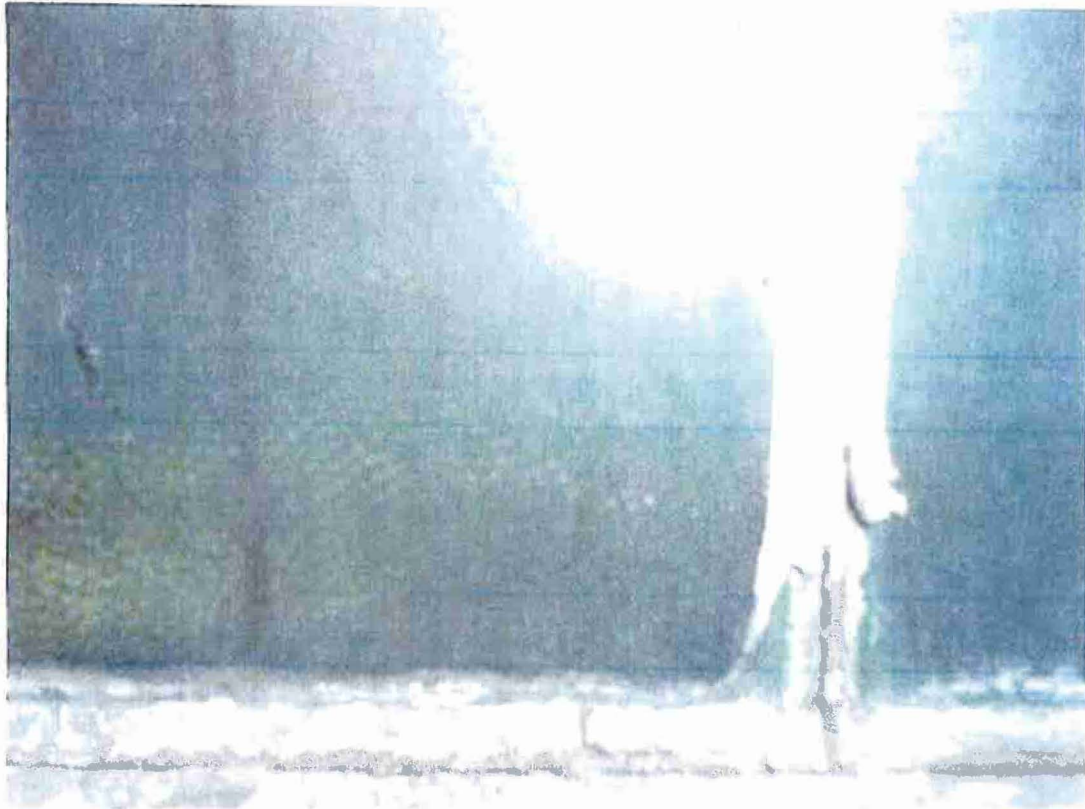
Johnson Controls
Goshen, Indiana
Main Plant Building
Attic by Column Q20
Tar/Tape Pipe Wrap
By Column R21
No Asbestos Detected



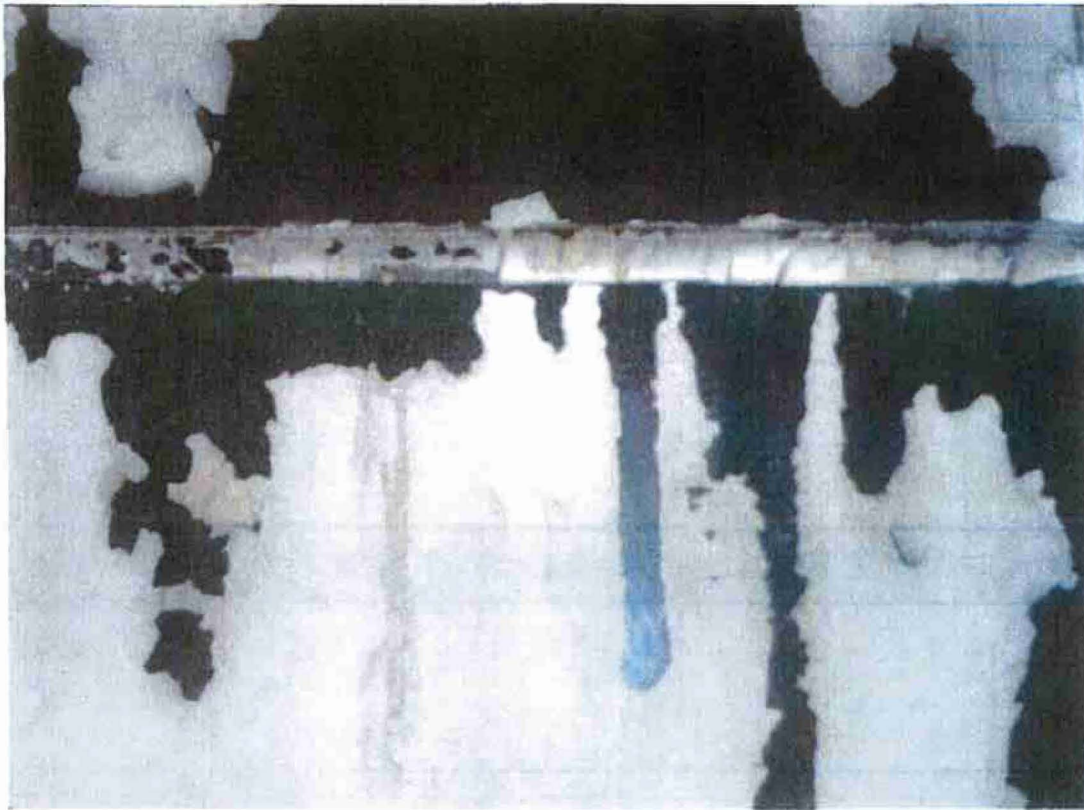
**Johnson Controls
Goshen, Indiana
Main Plant Building
Heat Treat at Column E9
Duct, Tar Insulation
No Asbestos Detected**



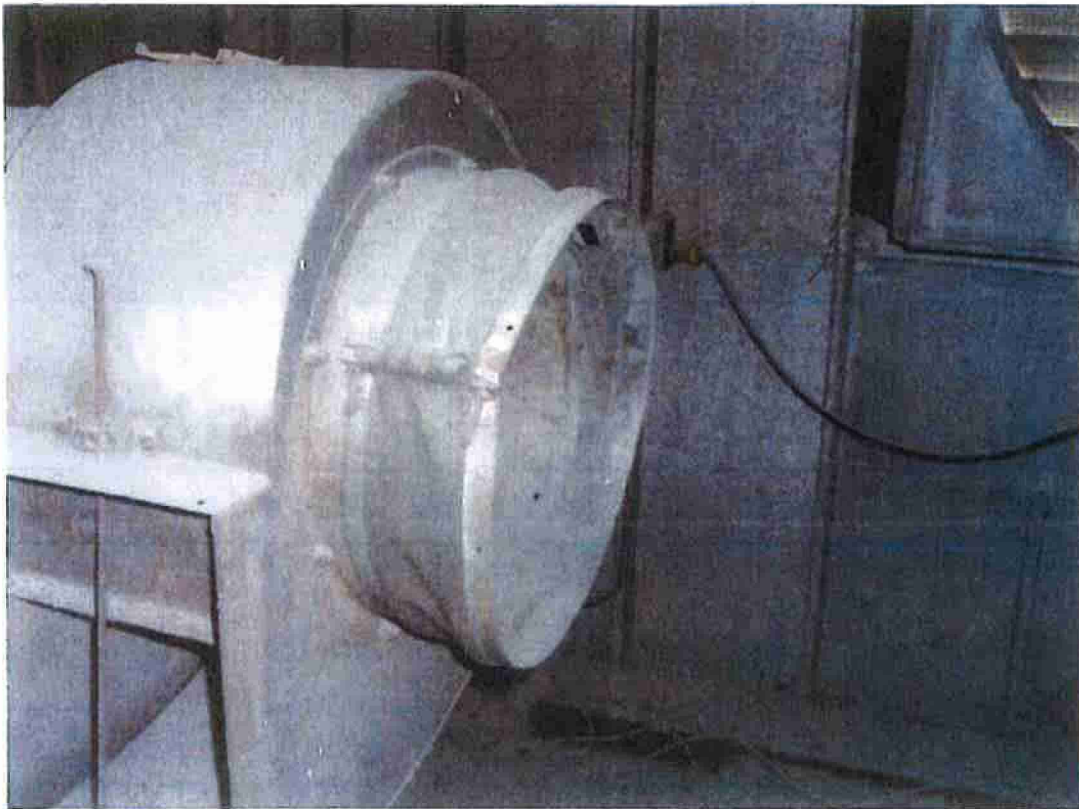
Johnson Controls
Goshen, Indiana
Main Plant Building
2nd Floor Office by Column E8
Carpet Mastie
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Main Plant Building
by Column F6
Window Caulk
No Asbestos Detected**



Johnson Controls
Goshen, Indiana
Main Plant Building
by Column F12
Window Glaze
No Asbestos Detected



Johnson Controls
Goshen, Indiana
Main Plant Building
Attic by Column R23W
Vibration Joint Cloth
No Asbestos Detected



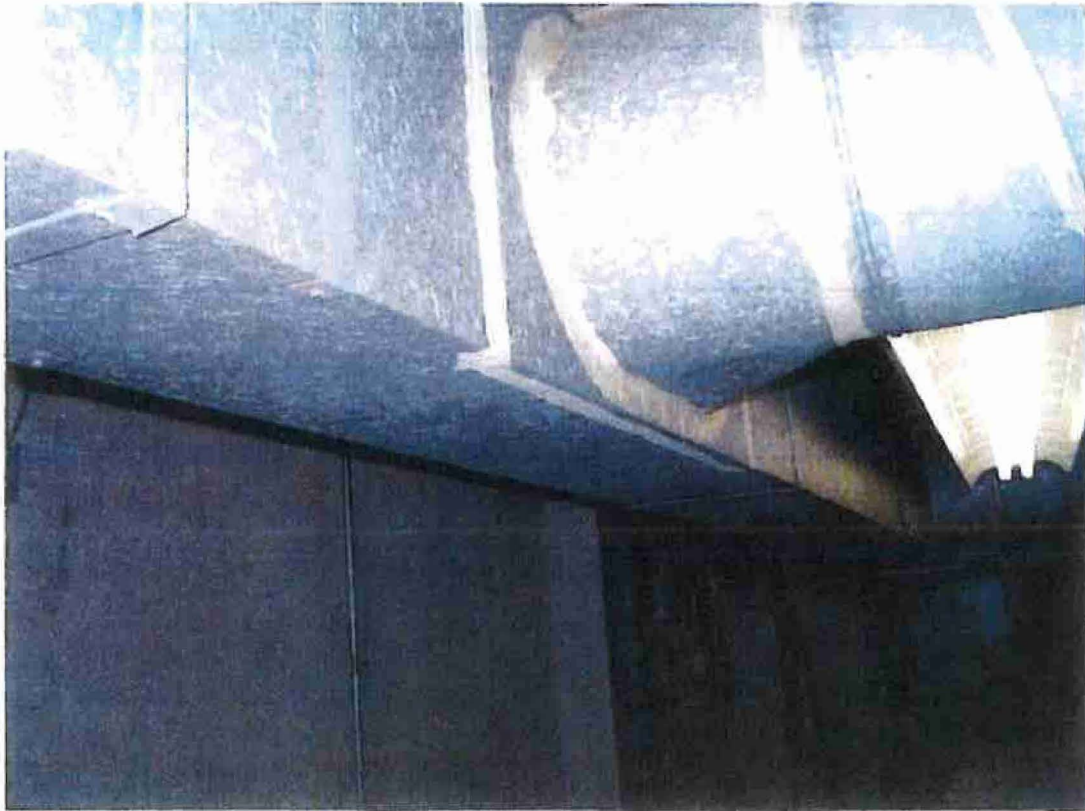
Johnson Controls
Goshen, Indiana
Engineering Building
Exterior Photo



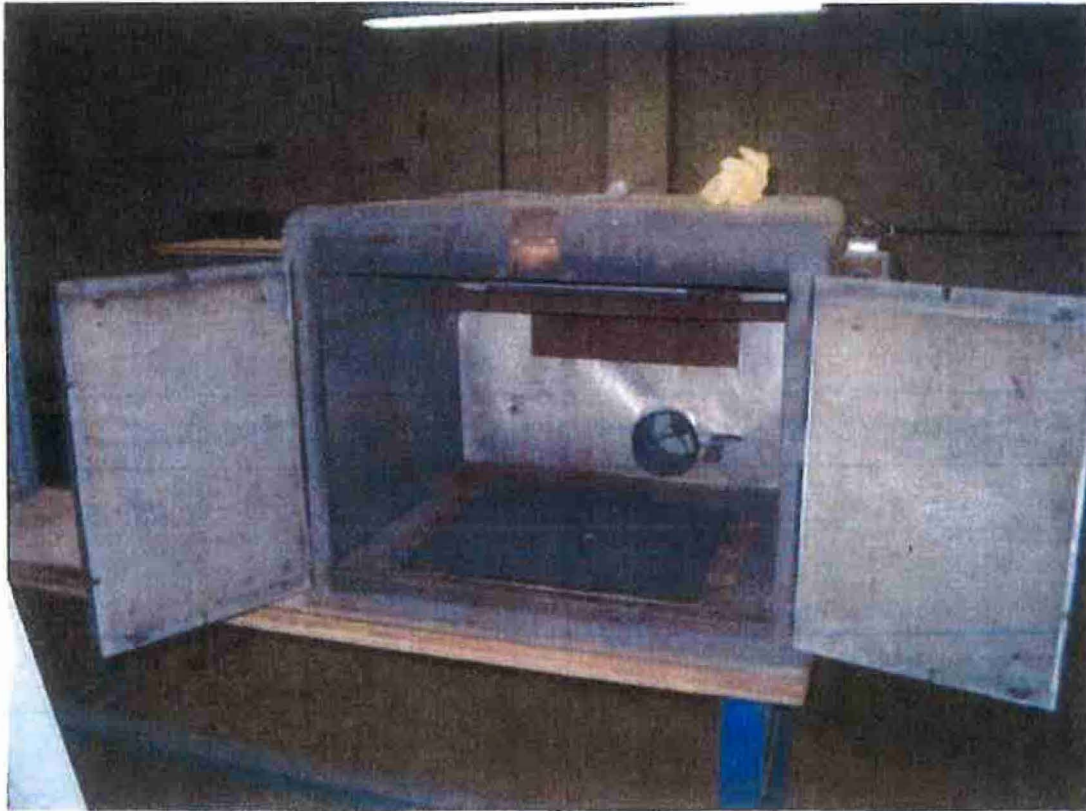
Johnson Controls
Goshen, Indiana
Engineering Building
Basement Level West Mechanical Room
Asbestos Duct Tape
Know, Asbestos-Containing Material



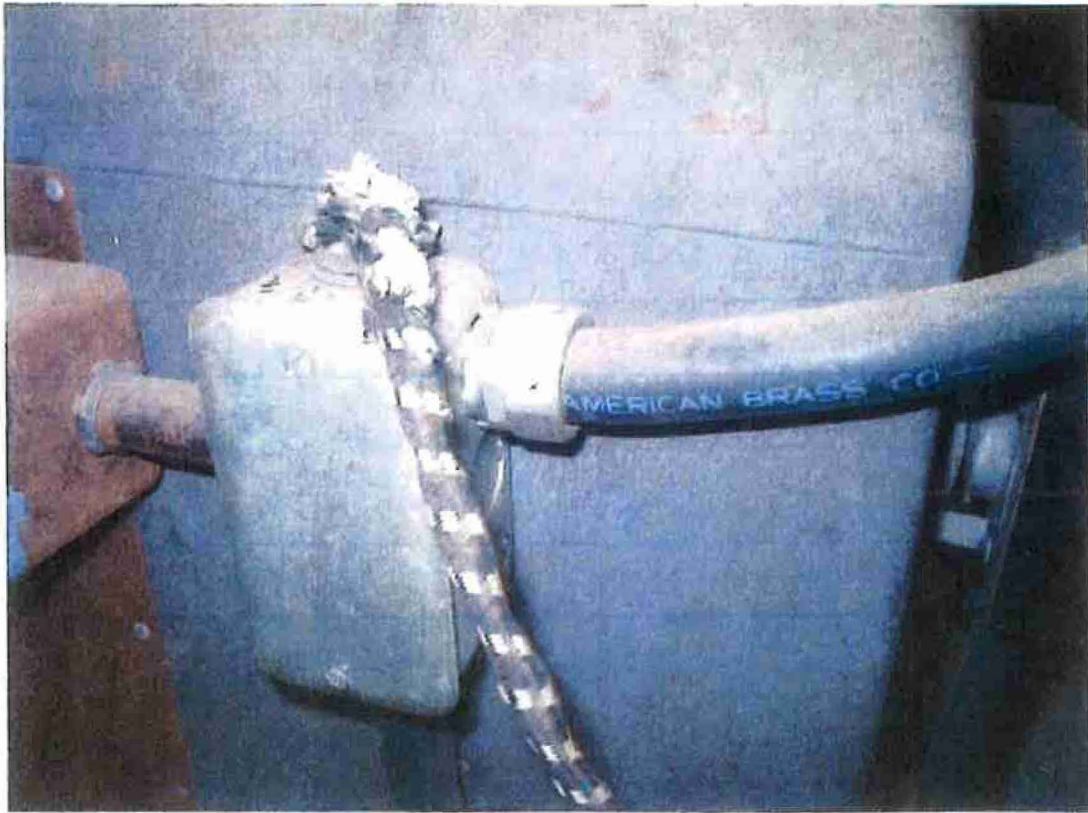
Johnson Controls
Goshen, Indiana
Engineering Building
Basement Level Stairwell
9" x 9" Tan Floor Tile and Adhesive
Known Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Basement Level
Glue on Ductwork
Know, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Basement Level
Cement Board on Stored Oven
Know, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Basement Level
Wiring Insulation on Stored Oven
Known, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Basement Level
Interior Insulation on Stored Oven
Known Asbestos-Containing Material



**Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Hallway to Main Plant
12" x 12" Tan with Grey Speck Pattern Floor Tile and Adhesive
(Floor Tile) Trace Level of Asbestos
(Floor Tile Adhesive) Know, Asbestos-Containing Material**



Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Women's Restroom
12" x 12" Ochre and Brown Spot Pattern Floor Tile and Adhesive
(Floor Tile) No Asbestos Detected
(Floor Tile Adhesive) Know, Asbestos-Containing Material



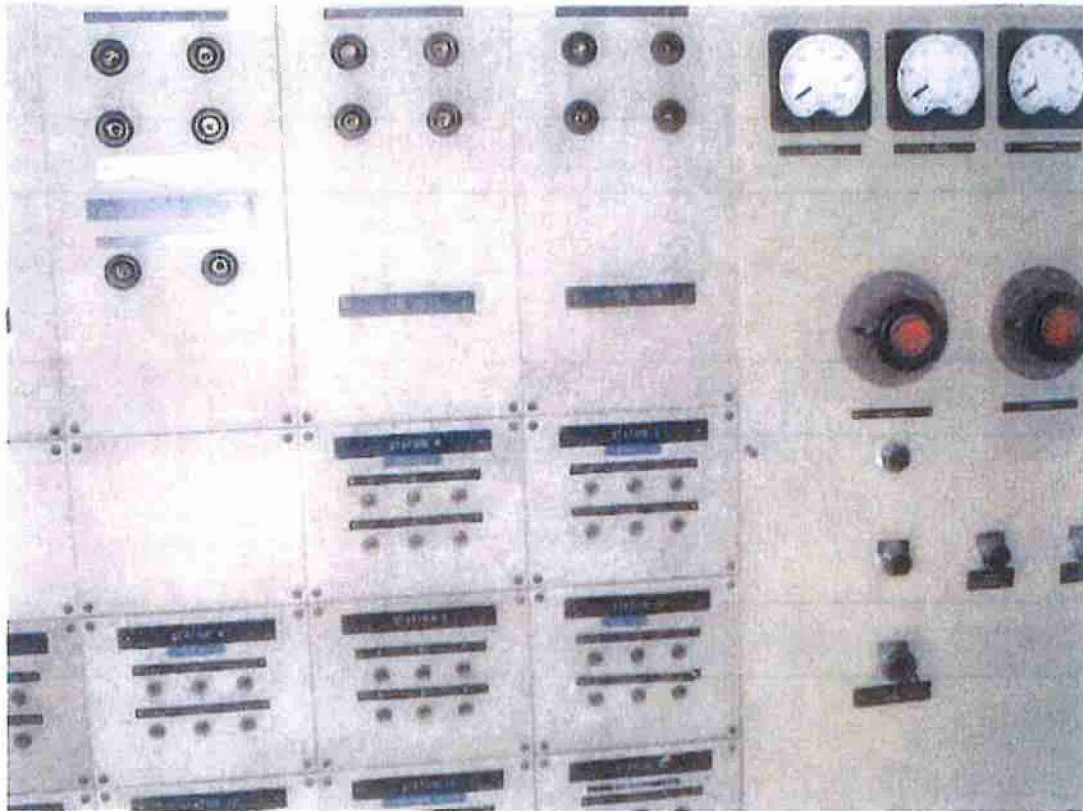
**Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Offices
Asbestos Paper above Metal Pan Ceiling
Know, Asbestos-Containing Material**



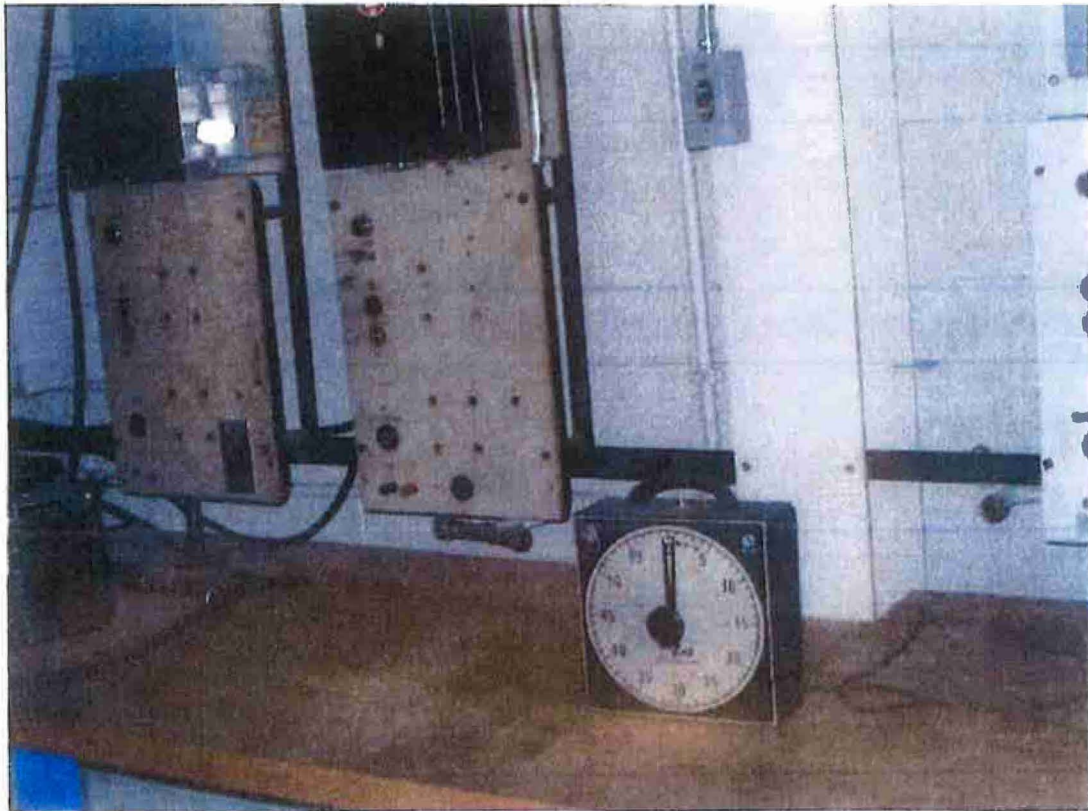
Johnson Controls
Goshen, Indiana
Engineering Building
Ground Level Hallway
12" x 12" Tan with White Streak Pattern Floor Tile and Adhesive
(Floor Tile) No Asbestos Detected
(Floor Tile Adhesive) Know, Asbestos-Containing Material



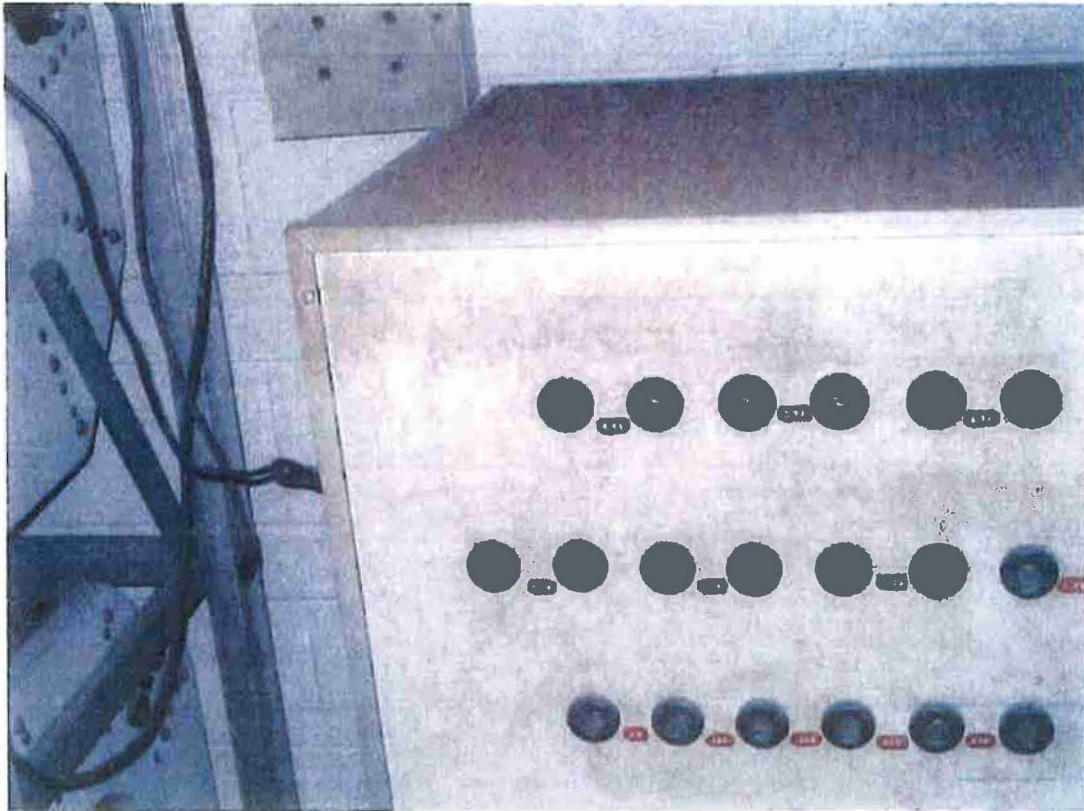
Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Lab Area
Cement Asbestos Board at Lab Table Tops Electrical Boxes
Know, Asbestos-Containing Material



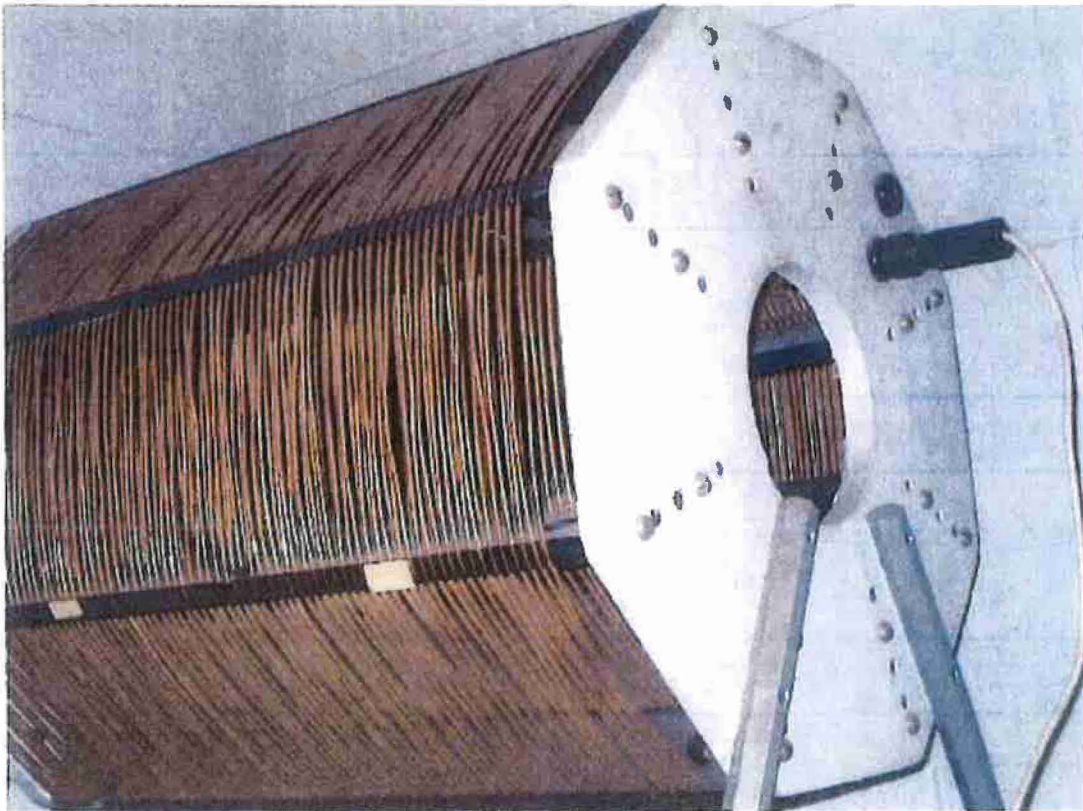
Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Lab Area
Cement Asbestos Board at Electrical Control Panels
Know, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Test Lab Area
Cement Asbestos Board at Electrical Control Panels
Know, Asbestos-Containing Material



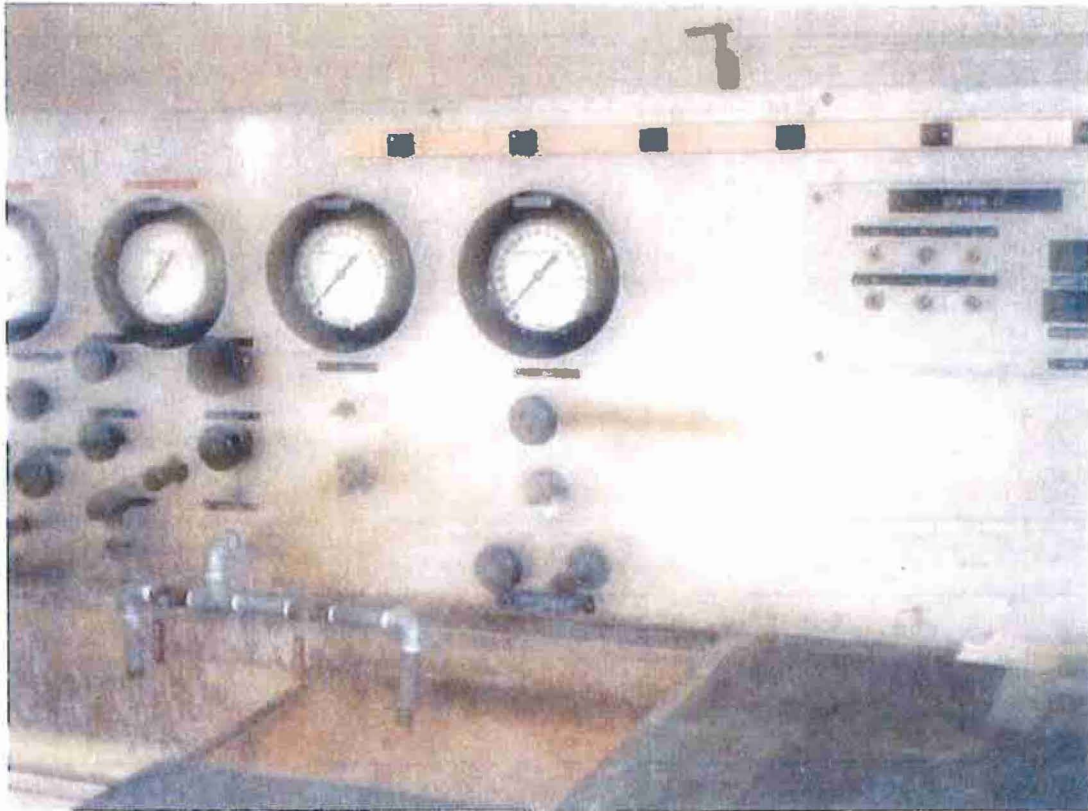
Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Test Lab Area
Cement Asbestos Board at Electrical Control Panels
Know, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Test Lab Area
Cement Asbestos Board at Wire Spools
Know, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Test Lab Area
Cement Asbestos Board at North Wall
Known Asbestos-Containing Material



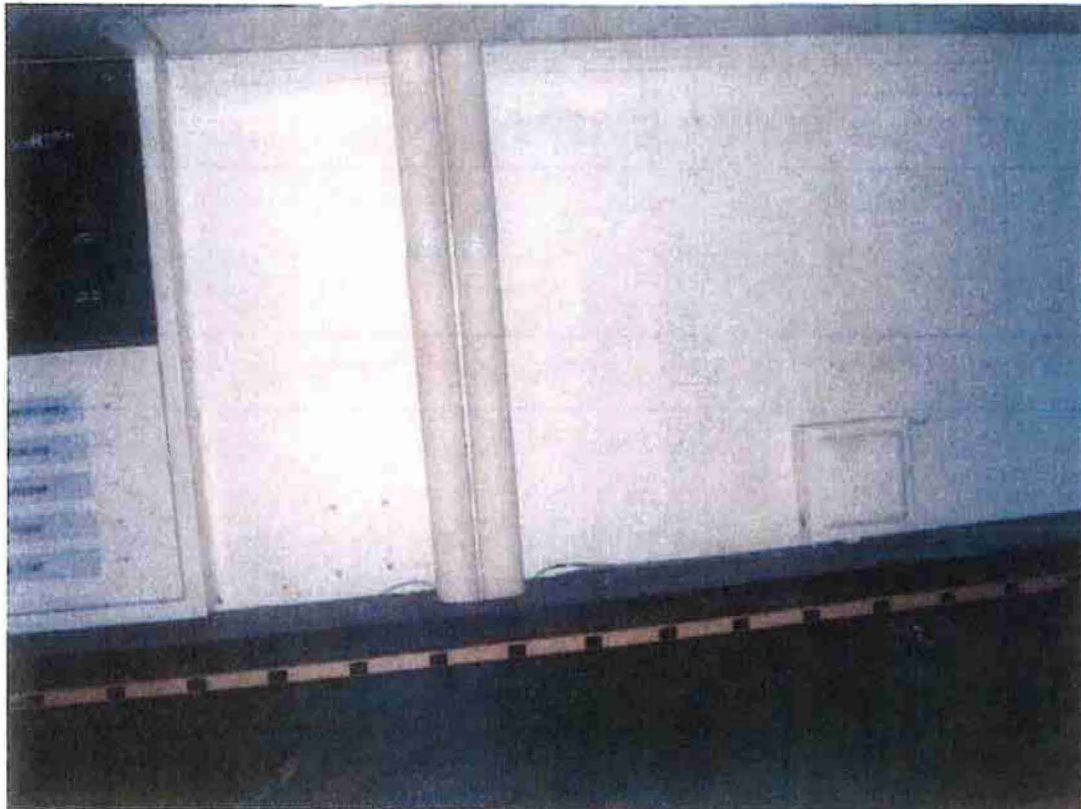
Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Lab Area
Cement Asbestos Board at Electrical Control Panels
Know, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
North Lab Area
12" x 12" Tan with Red Splotch Pattern Floor Tile and Adhesive
No Asbestos Detected
Base Floor Tile and Adhesive
Known, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor East Hallway
Heating Water Air-Cell Pipe Insulation and Fittings
Known, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor East Lab Area
Cement Asbestos Board at West Wall
Known, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Roof Level
Roof Cement at Roof Penetrations
Known, Asbestos-Containing Material



Johnson Controls
Goshen, Indiana
Engineering Building
Basement Level West Mechanical Room
Vibration Joint Cloth
No Asbestos Detected



Johnson Controls
Goshen, Indiana
Engineering Building
Basement Level West Wall
Window Caulk
Trace Level of Asbestos



Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Hallway to Main Plant
2' x 4' Fissured and Pinhole Pattern Ceiling Tile
No Asbestos Detected



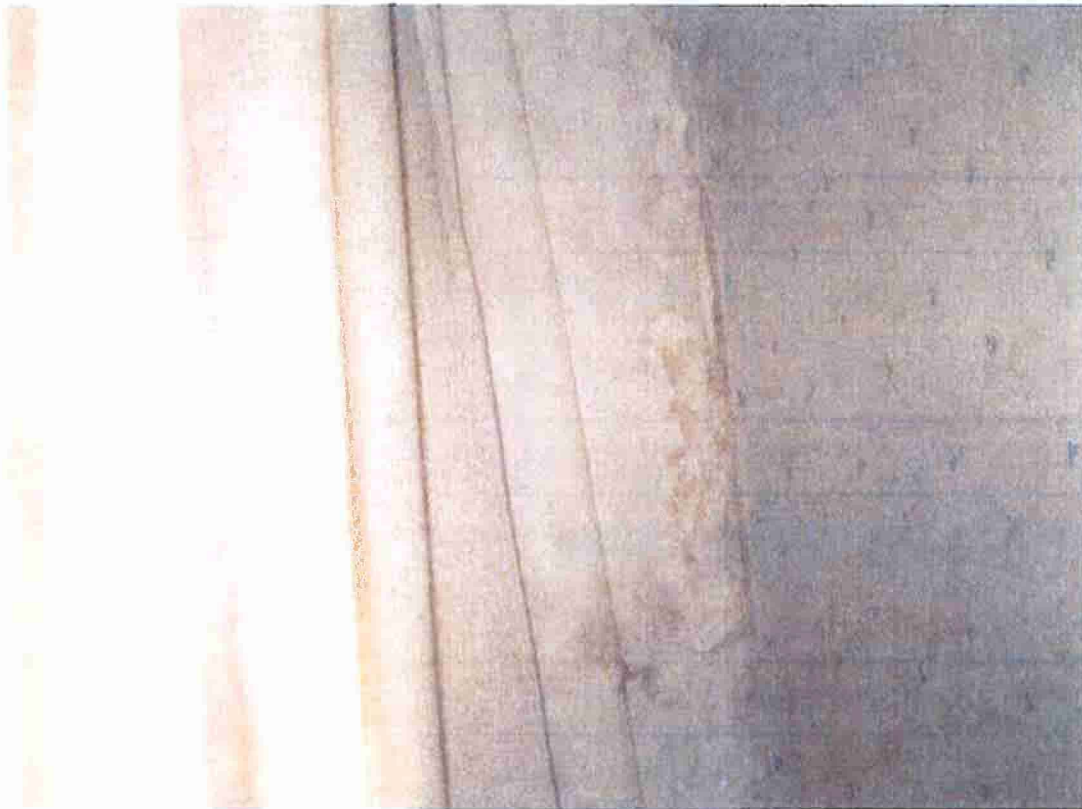
Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Offices
Drywall and Associated Joint Compound
No Asbestos Detected



Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Hallway
Brown Cove Base Molding and Adhesive
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Offices
Carpet Adhesive
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Offices
Hardwall Plaster
No Asbestos Detected**



**Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Stairwell to Lobby
12" x 12" Tan with White Streak Pattern Floor Tile and Adhesive
No Asbestos Detected**



Johnson Controls
Goshen, Indiana
Engineering Building
Second Floor Offices
Paper Backing on Metal Pan Ceiling
No Asbestos Detected



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor West Office
2' x 4' Deep Fissured Pattern Ceiling Tile
No Asbestos Detected



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor West Office
12" x 12" Fissured Pattern Acoustical Tile and Adhesive
No Asbestos Detected



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Lab Area
Tan Cove Base Molding and Adhesive
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Engineering Building
Ground Level Lab Area
Laboratory Table Tops
No Asbestos Detected**



Johnson Controls
Goshen, Indiana
Engineering Building
North Lab Area
Black Cove Base Molding and Adhesive
No Asbestos Detected



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Lobby Area
Grey Cove Base Molding and Adhesive
No Asbestos Detected



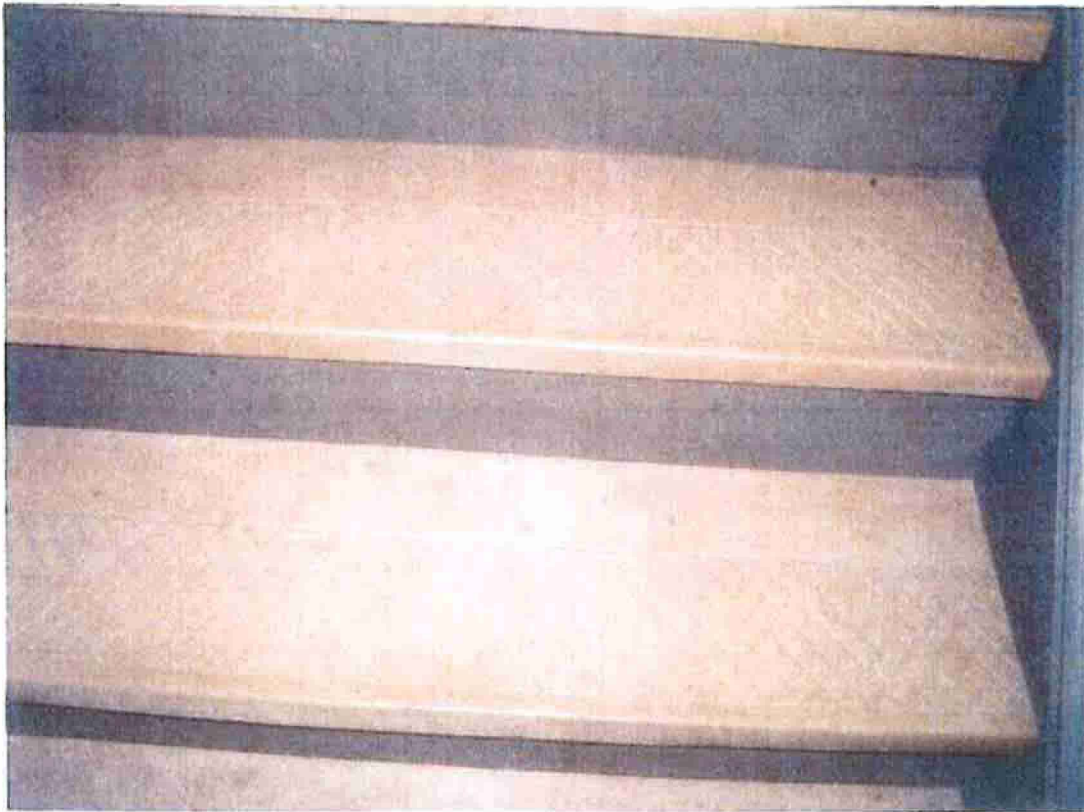
Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor North Office
Ceramic Tile Adhesive
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Aerobics Room
12" x 12" Green with White Streak Pattern Floor Tile and Adhesive
No Asbestos Detected**



Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Aerobics Room
12" x 12" Sky Blue Pattern Floor Tile and Adhesive
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Engineering Building
Ground Floor Lobby Area
Tan Stair Treads and Adhesive
No Asbestos Detected**



Johnson Controls
Goshen, Indiana
Engineering Building
Roof Level
Roof Flashing
No Asbestos Detected



**Johnson Controls
Goshen, Indiana
Engineering Building
Roof Level
Asphalt Roof Field Beneath Rubber Membrane
No Asbestos Detected**

ABATEMENT COSTING

As per our instructions for the performance of the Asbestos Materials Survey for ERM Enviroclean LLC, cost estimates have been provided for the removal of each asbestos containing material identified within the Johnson Controls, Goshen, Indiana facility. Since it is assumed that abatement will be conducted in order to accommodate demolition of each individual structure, a single mobilization charge in the amount of \$1,000.00, has been included in the estimated abatement cost for each building.

Many factors influence the actual cost of an asbestos removal project. For example, jobs are typically bid for less money in the late Fall and early Winter, because contractors have less work scheduled. As a result, bids are more competitive. A final example includes the temperature of the work environment. Thermal system insulation is cheaper to remove when heating and cooling systems within a building are inactive.

Following this section is a table which itemizes the costs associated with the individual removal of each confirmed asbestos containing homogeneous area. The abatement costs for each material is based upon unit prices which are common to the industry. The unit prices for typical materials are:

Pipe Insulation: \$45.00 per bag. (Glovebag Removal)
Floor Tile and Mastic: \$1.25 per square foot.
Cement Asbestos Shingles: \$2.00 per square foot.
Asphalt Based Roofing and Flashing: \$1.50 per square foot.
Asbestos Paper: \$4.00 per square foot.

Please note that the abatement costing includes the cost for removing Category I non-friable asbestos. Following guidelines established by the United States Environmental Protection Agency and Indiana Department of Environmental Management, Category I non-friable asbestos (i.e. asphalt based roofing, resilient floor covering and associated packing compounds) need not be removed prior to building demolition provided that the material is not subjected to sanding, grinding, mechanical abrading or burning during the course of building demolition. Category I non-friable asbestos not made friable during the course of building demolition may be disposed of at a State of Indiana approved municipal solid waste or construction/demolition landfill without special packaging or labeling.

A hazard ranking has also been included as part of this survey at the client's request. All confirmed and assumed asbestos containing materials were classified in one of the following categories:

1. Material posing an immediate health hazard to the work area
2. Material posing a high health hazard to the work area
3. Material posing a moderate health hazard to the work area
4. Material posing a low health hazard to the work area.

Materials were classified based on the following criteria:

1. The condition of the material in it's current state.
2. The friability of the material in it's current state.
3. The materials accessibility in it's current state.
4. Potential for future disturbance to the material based on material location, condition and use.

ABATEMENT COSTING

BUILDING NAME: Johnson Controls, Goshen, Indiana (Main Plant Building)

<u>HOMOGENEOUS AREA</u>	<u>HAZARD RANK</u>	<u>AMOUNT</u>	<u>ESTIMATED REMOVAL COST</u>
1. Low-pressure steam/domestic hot water air-cell pipe insulation	moderate	3,000 lin. feet	\$45,000.00*
2. Domestic cold water paper pipe insulation	moderate	2,300 lin. feet	\$34,515.00*
3. Roof drain wrapped paper pipe insulation	moderate	10 sq. feet	\$450.00
4. Thermal cement pipe fittings on fiberglass lines	moderate	50 lin. feet	\$2,250.00
5. 9" x 9" vinyl floor tile and adhesive	low	11,400 sq. feet	\$14,250.00
6. 12" x 12" vinyl floor tile and adhesive	low	4,000 sq. feet	\$5,000.00
7. 4" x 4" blue and tan check floor tile and adhesive	low	30 sq. feet	\$40.00
8. 6" black cove base molding and adhesive	low	500 lin. feet	\$625.00
9. Sheet vinyl flooring and adhesive	low	950 sq. feet	\$1,188.00
10. Tape wrap on pipe fittings	low	50 sq. feet	\$2,250.00
11. Cement asbestos paneling	low	400 sq. feet	\$800.00
12. Asphalt roof flashing	low	10,000 sq. feet	\$15,000.00
TOTAL ESTIMATED COST:			\$122,368.00

* Estimated cost listed is for pipe insulation verified to exist during the course of the survey. Additional material may exist inside sealed wall cavities and above plaster ceilings throughout the main administrative area.

ABATEMENT COSTING

BUILDING NAME: Johnson Controls, Goshen, Indiana (Engineering Building)

<u>HOMOGENEOUS AREA</u>	<u>HAZARD RANK</u>	<u>AMOUNT</u>	<u>ESTIMATED REMOVAL COST</u>
1. Asbestos duct wrap	moderate	500 sq. feet	\$2,000.00
2. Glue on ductwork	low	100 sq. feet	\$1,000.00
3. 9" x 9" floor tile and adhesive	low	5,800 sq. feet	\$7,250.00
4. 12" x 12" floor tile and adhesive	low	630 sq. feet	\$787.50
5. Stored oven insulation	low	10 sq. feet	\$100.00
6. Asbestos paper above metal pan ceiling	moderate	6,300 sq. feet	\$25,200.00
7. Cement asbestos paneling	low	1,000 sq. feet	\$2,000.00
8. Air-cell pipe insulation	moderate	850 lin. feet	\$12,735.00
9. Roof cement at roof penetrations	low	100 sq. feet	\$125.00
TOTAL ESTIMATED COST:			\$52,197.50

* Estimated cost listed is for pipe insulation verified to exist during the course of the survey. Additional material may exist inside sealed wall cavities and above plaster ceilings throughout the main administrative area.

INDIANA DEPARTMENT OF ENVIRONMENTAL
MANAGEMENT ASBESTOS LICENSE # 190202101

Inspector ☒
Supervisor ☐

Planner ☒
Worker ☐

Designer ☐
Waste Disp. Mgr ☐

Anthony E. Bolanos



Effective: 12/04/2005
Expiration: 12/04/2008
BIRTH DATE: 09/21/1961
SEX: M
EYE COLOR: GRN
HAIR COLOR: BRN
HEIGHT: 6-00
WEIGHT: 165

INDIANA DEPARTMENT OF ENVIRONMENTAL
MANAGEMENT ASBESTOS LICENSE # 190221015

Inspector ☒ Planner ☐ Designer ☐
Supervisor ☐ Worker ☐ Waste Disp. Mgr ☐

Shawn P. Finnerty



Effective: 07/26/2005
Expiration: 07/26/2006
BIRTH DATE: 08/21/1958
SEX: M
EYE COLOR: BLU
HAIR COLOR: BRO
HEIGHT: 5-11
WEIGHT: 185

THIS CERTIFICATE IS ISSUED FOR THE SOLE
USE OF THE UNDERSIGNED AND IS NON-
TRANSFERABLE. ANY USE OR POSSESSION
EXCEPT AS PRESCRIBED IS PROHIBITED BY
LAW. THIS CERTIFICATE MUST BE IN THE
POSSESSION OF THE UNDERSIGNED WHEN
PERFORMING ASBESTOS-RELATED ACTIVITIES
AS PRESCRIBED BY 326 IAC 18.

Shawn P. Finnerty
SIGNATURE

United States Department of Commerce
National Institute of Standards and Technology



ISO/IEC 17025:1999
ISO 9002:1994

Certificate of Accreditation



MICRO AIR, INC.
INDIANAPOLIS, IN

*is recognized by the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria set forth in NIST Handbook 150:2001,
all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

March 31, 2006

Effective through

For the National Institute of Standards and Technology
NVLAP Lab Code: 101221-0

National Institute
of Standards and Technology



National Voluntary
Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



Page: 1 of 1

BULK ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101221-0

MICRO AIR, INC.
6320 La Pas Trail
Indianapolis, IN 46268-4104
Dr. Morris L.V. French
Phone: 317-293-1533 Fax: 317-290-3566
E-Mail: microair@microair.com

NVLAP Code

Designation

18/A01

EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk
Insulation Samples

March 31, 2006

Effective through

A handwritten signature in dark ink, appearing to read "J. P. M. L. D.", written over a horizontal line.

For the National Institute of Standards and Technology